March 20th—26th, 1986, No. 11 75¢

THE Fisherman

LONG ISLAND, METROPOLITAN NEW YORK EDITION

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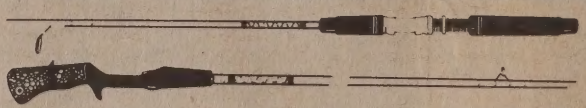

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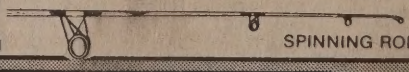

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THE Fisherman

—THE LONG ISLAND, METROPOLITAN NEW YORK EDITION—

Volume 21, Number 11 March 20th, 1986

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ABOUT THE COVER:

Bluefish, the backbone of Long Island's recreational fishing industry, may once again be facing the threat of large scale commercial exploitation through foreign markets. For more on the latest developments concerning this favorite inshore gamefish, see Bill Muller's report on page 22 of this week's issue.

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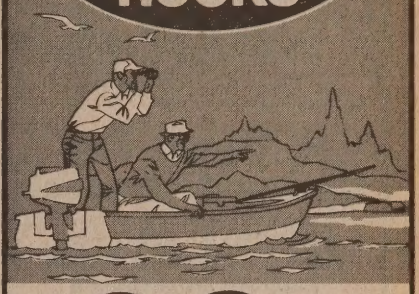

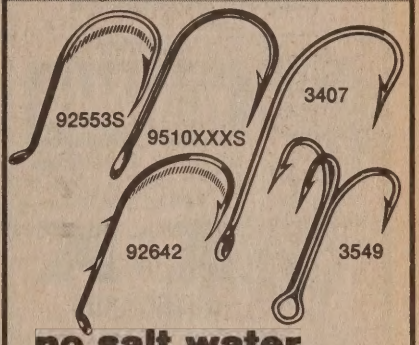

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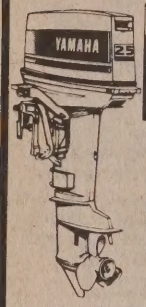

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PASS IT ON

NEW SALTWATER ADVISORY COUNCIL ANNOUNCED

No matter how strong the winds, you can't smell ocean breezes in this northwest Iowa fishing hinterland. So how come a cadre of fishing scientists and tackle managers at Berkley and Company have pledged their company's talents and resources to saltwater sport fishing?

At a press conference held in Suffern, NY, Paul Johnson, Berkley's V.P. of Communications and underwater research revealed their corporate thinking:

"Over the past 20 years tackle manufacturers have focused their time and dollars on the freshwater sport fishing market. There has been a conspicuous absence of attention given to the importance of saltwater sport fishing and the vital role it plays. We at Berkley are convinced the time has come to take a positive corporate step foward to improve saltwater sport fishing."

Johnson explained that he spoke those words both as a prediction and as an expression of optimism. To back up his words with action, Johnson then announced that Berkley was serving in the role of a catalyst in their forming of a new national Saltwater Advisory Council.

Saltwater experts from 18 different geographical parts of the USA have volunteered to serve in this experimental effort to reshape the future of saltwater sport fishing. The list of council members is a veritable "Who's Who" of saltwater angling.

Why would this country's largest fishing tackle manufacturer go to this amount of effort in what many others within the tackle industry have discounted as being a secondary market? And why would a company like Berkley, positioned 2000 miles from saltwater, want to prioritize corporate energies to saltwater sport fishing at a time when opportunities and demands are overflowing in freshwater sport fishing? Tom Bedell, president of Berkley and Company, explained their rationale:

"Almost 50 years ago my father founded Berkley and Company. He did so with the belief that he could create better, stronger fishing tackle that would fill a fishing need. Over the years we've made tremendous strides filling those needs. But much more work remains to be done. Saltwater sport fishing poses a unique set of needs both in terms of tackle stress performance but also in terms of resource restoration, legislation and financial support. By working together with a team of experts we believe Berkley and Company has the corporate muscle to initiate positive changes in this important national recreational resource."

In the months ahead the new Saltwater Advisory Council will work collectively to define both regional and national sport fishing needs and problems as specifically related to the saltwater angler. It is planned that by combining talents they can stimulate state and federal legislation that supports a stronger saltwater resource.

Equally important will be their efforts to draw attention to the interactive relationship that exists between saltwater and freshwater sport fishing. The past 20 years has been a time when national attention has disproportionately shifted to freshwater species such as bass. That is not to say saltwater anglers have not benefited. Substantial cross-over benefits have resulted.

Better rods, stronger lines, new reel designs and new lure innovations are good examples of how tackle developments in one market end up benefiting the entire sport fishing scene.

It is true that the "estimated" size of the saltwater sport fishing activity, by number count, constitutes less than 50 percent of the total. However, to discount the national importance of saltwater sport fishing solely on the basis of size is misleading. Market surveys consistently point out that today's fishermen are a mobile, enthusiastic audience. Regardless of their geographical area, in increasing numbers they are turning their recreational attention to saltwater angling.

This surge of interests is adding further stress to an already strained sport fishing environment. We are on a collision course between sport fishing demand versus resource supply.

Because of its vastness, we as a nation have been slow to recognize the interrelationships that exist within this fragile resource surrounding our shores. Berkley and Company is making the commitment to draw attention to these relationships and the importance of saltwater angling. No guarantees. No compromises. No "all talk but no action." Rather, a sincere corporate effort to initiate action and support.

Today's children will soon grow to adulthood. As they turn their recreational interest to fishing and saltwater angling, that resource must be there stronger than ever because today's anglers had the foresight to recognize and fulfill their obligation of stewardship.

New England Reps: Spider Andresen, Rip Cunningham, Barry Gibson.

New York/New Jersey Reps: Pete Barrett, Al Ristori, Russ Wilson.

Florida/Southeast Reps: Bob McNally, George Poveromo, Mark Sosin.

Gulf Coast Reps: Larry Bozka, Jack Cooper, Jim Foster, Gary Ralston.

California/Southwest Reps: Nick

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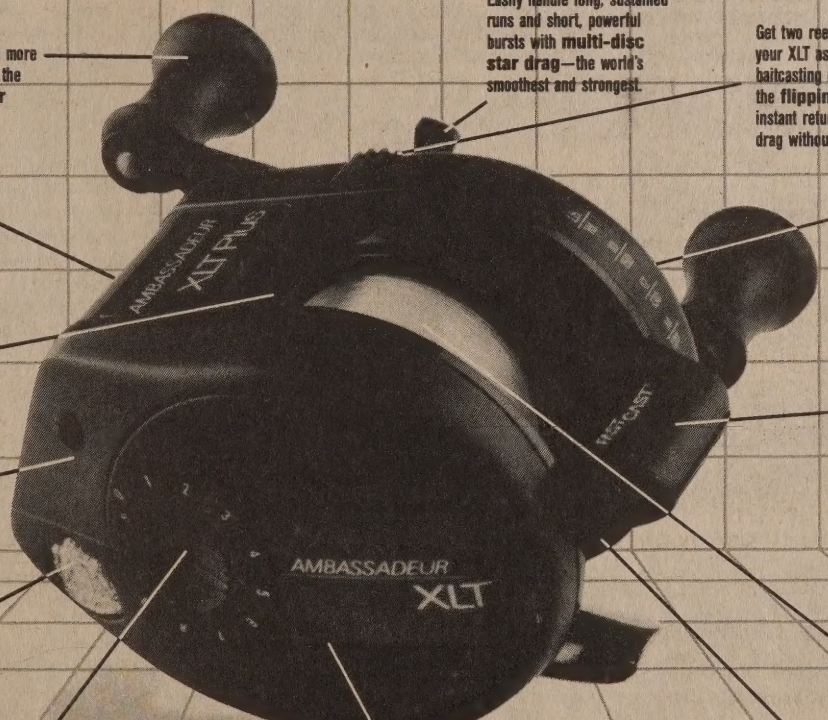

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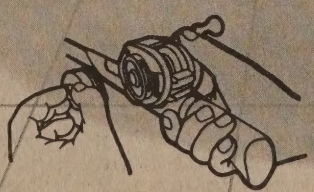

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EA CONDUCTS MAJOR HUDSON RIVER STRIPED BASS STOCKING PROGRAM

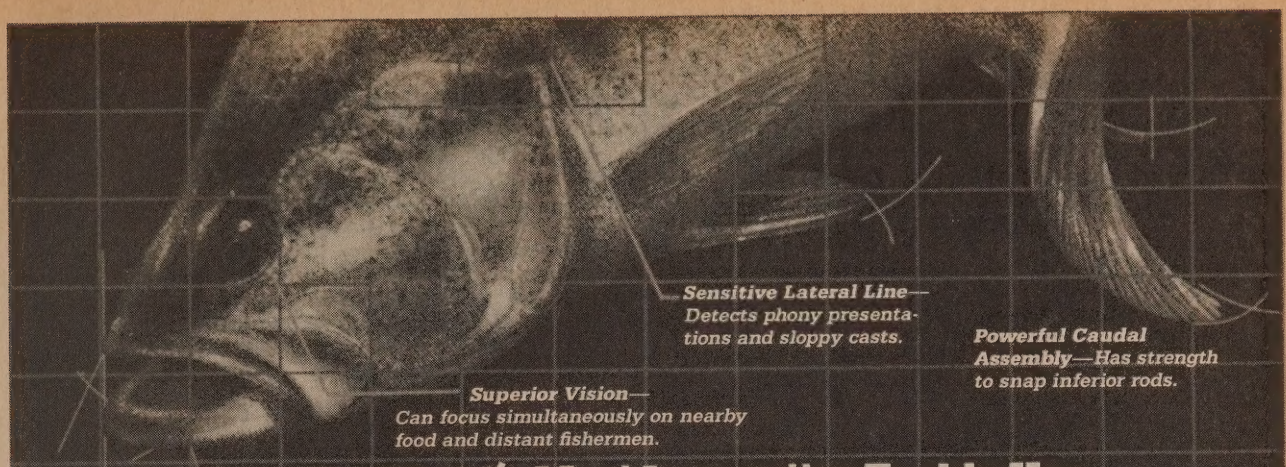
Dr. Loren D. Jensen, President, is pleased to announce that EA Science and Technology, a Division of EA Engineering, Science and Technology, Inc., will begin the fourth season of operations at the Hudson River Striped Bass Hatchery in April, 1986. This facility is located 40 miles north of New York City at Verplanck's Point on the eastern shore of the picturesque highlands aregion of the Hudson River estuary. During 1985, EA successfully completed hatchery operations with the production of more than 292,000 three to six inch fingerlings for release into the lower Hudson River. Total production in 1985 represents a 5-fold increase over our production of just two years ago. We fully expect this progress to continue, permitting us to achieve our desired goal of 600,000 fish produced annually.

Striped bass, called "rockfish" in other areas such as Chesapeake Bay, are a valuable commercial and sport fish. The health of striped bass populations in some areas is threatened by unkown environmental effects, overfishing, and pollution. In technical terms, the EA facility is a **"mitigation hatchery,"** meaning its purpose is to help restore the natural population of striped bass through the annual stocking of healthy, productive individuals over a long period of time. "As a full-scale mitigation hatchery," Dr. Jensen syas, "our facility not only serves the practical function of restocking depleted striped bass populations, but also performs applied research to advance the state of the art of intensive aquaculture of this very sensitive important fish."

EA designed, constructed, and now operates the Striped Bass Hatchery with funding from a group of utility companies that operate electric generating facilities along the Hudson River. EA personnel collect brood stock from the Hudson River in late spring, supervise fertilization and hatching and rear the fish until they are developed enough (3-6 inches) for release during August and September to complement the Hudson River's natural striped bass spawn. Although these efforts primarily benefit the sport and commercial fishermen along the Hudson River and Long Island Sound, hatchery-reared fish also contribute to the Atlantic coastal catch as far north as Nova Scotia.

Along the way to improved production, EA had to tackle many of the basic fish rearing problems that must ultimately be resolved before the aquaculture of estuarine and marine finfish, such as the striped bass, faciles a predictable industry.

In cooperation with the U.S. Fish and Wildlife Service, EA began



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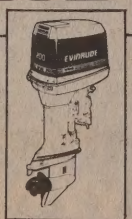

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studies initially to compare the effect of water from the Chesapeake Bay and Hudson River spawning areas on the fertilization, survival, and development of striped bass eggs and larvae. This was done by bringing both eggs and water from the two different sources to a common laboratory where side-by-side comparisons could be made.

EA has been able to improve upon the operating characteristics of our hatchery by more sophisticated use of our many water treatment and reuse facilities. Thus, we are reducing the total amount of input water required to operate while simultaneously rearing more fish and improving the quality of the recycled water that is being used to raise the fish.

An on-site pathologist provided routine extensive monitoring of the developing fingerlings. This project was designed to gather baseline data on the histology of striped bass grown under intensive culture conditions. When compared with similar information gathered from wild-bred fish collected from the Hudson River, this data will be instrumental in further refining the conditions under which healthy striped bass fingerlings are to be grown in the future.

EA's efforts to contribute our hatchery-bred 3 inch fingerlings to the late summer population of young of the year striped bass in the Hudson River were well rewarded, as researchers conducting beach seining operation along the length of the river have been reporting that our fish are showing up with equal frequency as are wild-bred fingerlings.

All fish stocked into the Hudson River in 1985 were internally tagged with 1/25 in. coded wire tags placed in the cheek region of each fish. While similar tagging work in previous years in the hot summer months had resulted in substantial mortality due to stress, EA has designed and operated a mobile tagging unit that utilized chilled saline water and that has reduced losses due to tagging stress to less than 1 percent of the fish handled.

During 1985, our facility was not the only one to release hatchery-bred striped bass back into Atlantic Coast estuaries. The U.S. Fish and Wildlife Service, using EA's mobile tagging unit and with the assistance of our staff, released approximately 200,000 wire tagged fish into Chesapeake Bay tributaries. Soon, all hatchery released striped bass put into Atlantic Coast waters may bear such uniquely coded wire tags that will enable fishery researchers to not only identify which adult striped bass in their studies had been born in hatcheries, but also recognize which East Coast hatchery they came from and the year and location of their release into the wild. Such studies should be useful to fisheries resource managers who are attempting to assist the Atlantic Coast population of striped bass to increase back to the position of recreational and economic utility that it once held as recently as 20 years ago.

COAST GUARD AUXILIARY AT BIG APPLE SHOW

We would like to inform the boating public (anyone interested in safe boating courses or courtesy marine examinations by the U.S. Coast Guard Auxiliary) that they will be able to speak with our people at the "Big Apple Boat Show," beginning April 9 through 13, located at Pier #2, Furman Street, Brooklyn, NY.

Flotillas 11-7 and 11-2 will have personnel available at a booth at the address below to offer assistance to anyone interested.

Pier #2 is located in Brooklyn on the East River under the Brooklyn Heights Promenade, directly across from the "South Street SeaPort."

For further information, please contact Any Russo, (718) 232-3511.

ATLANTIS ANGLERS OPEN MEETING

Atlantis Anglers are having Mr. Paul Graniello of J&J Tackle Shop, Patchogue as our guest speaker. He will be talking about new rods and techniques with downriggers. It should prove to be an interesting and informative evening. If you are thinking about joining a club, come see and hear what we are all about.

The club meets at the Salty Bay Yacht Club, 180 Westside Avenue, Freeport, New York, March 25th at 8PM sharp.

For any additional information, please call: Jay Ebbets, (516) 766-4381 or Ralph Horowitz, (516) 889-0931 at 7PM.

THE SCIENTIFIC ANGLER

Right now is the peak of cabin fever for us fishermen. We've rebuilt our reels three times, re-arranged our tackle boxes five times, looked at our lure catalogs dozens of times, and maybe even worked on the boat. Now would be a good time to improve our fishing skills (not by practice casting into a barrel in the garage—although that might help) by reading *The Scientific Angler*, by Paul C. Johnson, Charles Scribner's Sons, New York, $24.95.

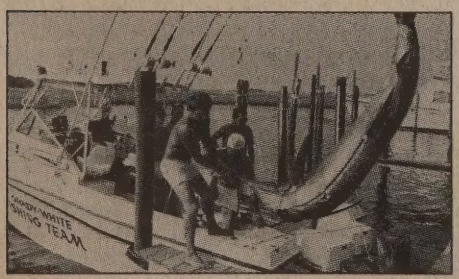
Paul Johnson has, for the last nineteen years, been director of research for Berkley and Company. He is also a chemist, a scuba diver, and best of all, a fisherman. His unique qualifications enable him to see fishing techniques from a new perspective—that of the fish.

In the first section of the book, Mr. Johnson takes us under the water for a typical dive to do some experiments. Having introduced us to this underwater environment, he proceeds in section two to tell us about our targets. This section contains a lot of interesting, and some downright astonishing, facts about our quarry. For instance, fish can detect odors to a minute degree. The equivalent for us would be being able to detect one drop of vermouth in 500 barrels of gin

Clifton Moss, (right) N.C. State Record King Mackerel—79 lbs., November, 1985. (Moss has caught the largest king mackerel of the year in N.C. from his boat in 3 of the past 4 years.)
24' Grady-White Tournament

Charlie Williams, (right) Winner Largest King—$20,000
1985 Wrightsville Beach King Mackerel Tournament, Wrightsville Beach, N.C.
22' Grady-White Seafarer

Ken Cooper, (center) Winner Largest King—$20,000
1985 U.S. Open King Mackerel Tournament, Southport, N.C.
25' Grady-White Trophy Pro



Eddie Smith, Jr., Grady-White president, Third Place
1985 Hatteras Marlin Club Invitational. Hatteras, N.C. (against custom boats in the 40'-58' range)
25' Grady-White Trophy Pro

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(it would be interesting to try). Also, fish don't like some smells; Johnson calls them negative smell tracks. Included in this group are: human skin oil, nicotine, petroleum products, suntan lotions, and even some plastics in plastic lures.

Section three, called environmental physics, is a discussion of useful things that the fisherman can control. One chapter is on color, not on the surface, but underwater. You may be surprised at the color shifts that occur when you drop a lure over the side. That bright red lure you're using is not red but brown at a depth of 24 feet. Some excellent color pictures allow you to see what lures look like to be under the water. There is another chapter in question and answer format on putting color to work for you, including showing you how lines of different color and size look underwater. Another chapter shows you how to improve the sensitivity of your rod-reel-line combination. You will want to read this section before buying that new rod or restringing your reel.

How much force do you apply at your hook when you set it? Five pounds? Ten pounds? Would you believe less than two pounds! This chapter talks about hook setting style, line care, and how to sharpen up those hooks (yes, even those new ones still in the package).

Other chapters cover lure action on retrieval and when trolling. You deep water trollers will want to read chapter 13. So you think you know at what depth you're trolling? Read and find out. One chapter is devoted solely to applying the information in the book to saltwater fishing. Even though the book is written from a freshwater perspective, most of the information can be used by saltwater fishermen. This chapter tells you what's different about saltwater fishing. Another chapter tells about what to do when fish get lockjaw. Chapter 18 is about experiments being done with electrical stimuli. This could be the wave of the future The final chapter is a varied collection of fishing tips and tricks.

The book is written in a clear, easy to read style, even when discussing the results of experiments peformed at universities. As the back cover says "You can open this book to any page and become instantly absorbed." Much to Mr. Johnson's credit, this book is not an advertisement for Berkley fishing products, but one devoted to making you a better fisherman and teaching you more about your gear, your fishing habits and, of course, about the fish themselves. Color and black and white photos plus many drawings help illustrate the points in the text. There is something in here for everyone, from the beginner to the old pro. Maybe you've wondered why some things seem to catch fish while others don't; this book probably contains the answers.

I would suggest that you settle down with this book on a cold

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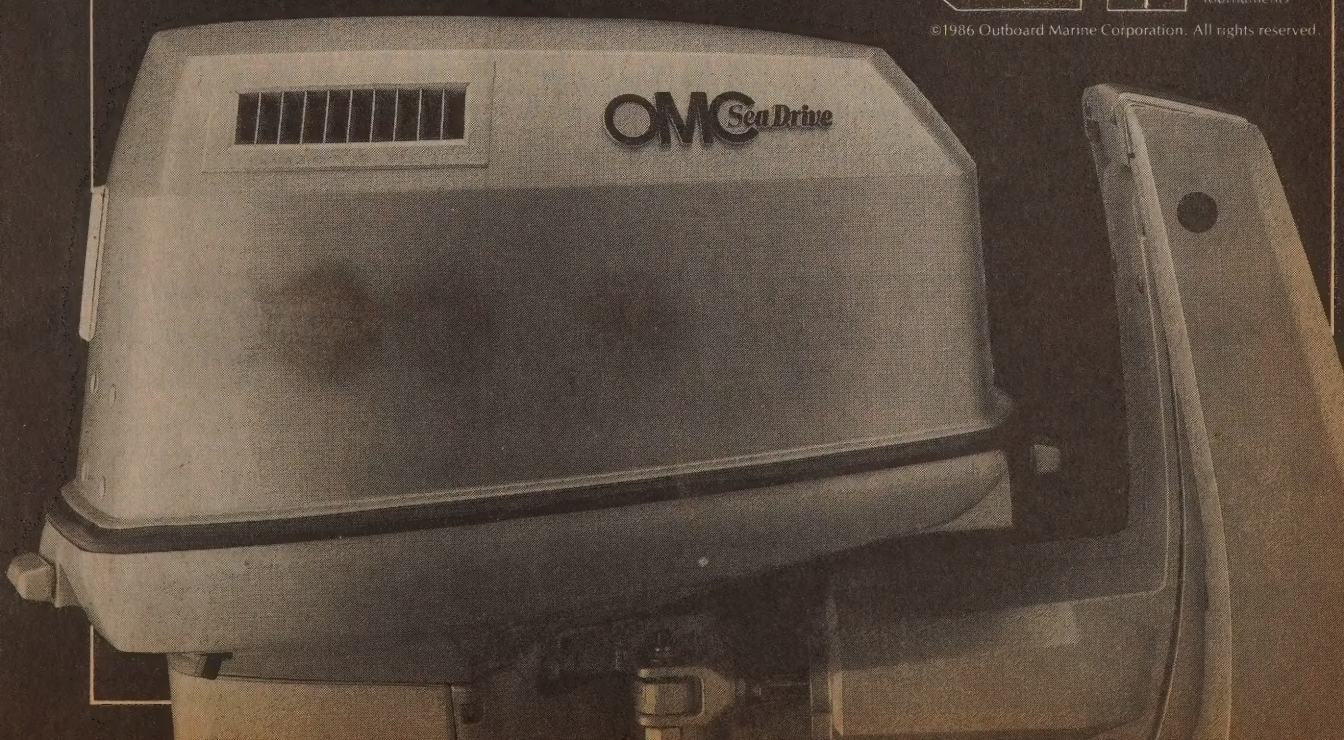

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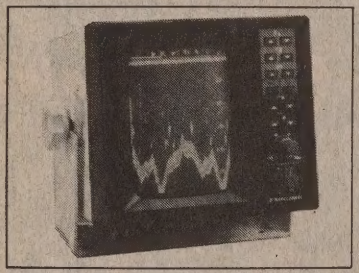

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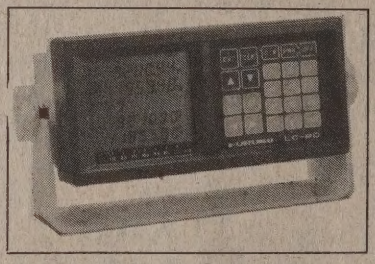

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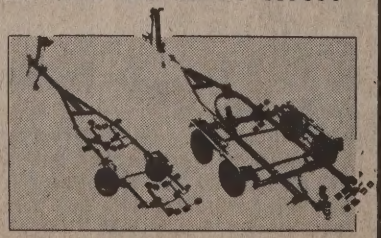

450 lb. capacity — 6500 lb. capacity
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winter's night and read it. I think that anyone who does will find at least one or two tips that will enable them to catch more, larger fish this coming season. Good fishing!

CORRECTION IN PASS IT ON

Matt DeAngelis, former president of All Tackle Distributors, wishes to point out an error in the Jan. 9th issue of the LIF. He would like it to be known that he was a fully active owner from the day that he founded the business until the day that he sold his shares in same.

NEW FROM JEROS TACKLE

Jeros Tackle announces that they are now adding to the lines they distribute, the fine line of double-skirted "Mini-Machines," for offshore work, available in 9 different color combinations, in flat, pointed and slanted head configurations. Jeros is also distributing the Haljack "tuned" lure, an exclusive. These lures feature spinning, vibrating elements which produce sonic vibrations, which the likes of Jacques Cousteau and the U.S. Navy, say attract fish.

EAST ROCKAWAY ANGLERS NEW SLATE OF OFFICERS

At the Annual Dinner/Dance held at the Point View Inn, Point Lookout, New York the following slate of officers were elected for 1986:

President: George Gerhold; Vice President: Joel Palazzola; Treasurer; Wayne Denson; Secretary: Jim Colling; Sergeant At Arms: Bill Daniels; and Fishing Committee: Rich Franks and Marty Lamport.

The membership is open to three members interested in either inshore or offshore angling and membership is not limited to boat owners. Those interested can call (516) 431-9167, or write East Rockaway Anglers, P.O. Box 234, East Rockaway, NY 11518.

SHAKESPEARE ANNOUNCES CONTENDER ROD ACQUISITION

The Shakespeare Company of Columbia, South Carolina has announced the acquisition of the Contender line of fishing rods.

Contender rods are known throughout the industry for their quality, craftsmanship and Hybrid Blank Construction. This unique construction method incorporates the unsurpassed durabiltiy and strength of unidirectional S-Glass with the hook setting and fish fighting power of graphite.

The addition of the Contender line enhances Shakespeare's domestic manufacturing position and technology, particularly in the areas of speciality big water rods. Contender rods will be marketed with the Pflueger line of speciality fly and big water tackle.

Any questions regarding Contender may be answered by calling Shakespeare Fishing Tackle, (803) 754-7540 and asking for Tucker Jackson, Sales Manager, Pflueger/Contender.

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It's available exclusively on our new Triton® Sea Spin™ saltwater spinning reels and Triton® Freshwater Series spinning reels.

To find out the whole story behind the incredible BaitRunner system, head down to your local Shimano Dealer's. Or send $1.00 for a Triton Freshwater Series or Triton Sea Spin owner's manual to: Shimano American Corp., Dept. FW, 205 Jefferson Road, Parsippany, N.J. 07054.

But do it soon. Because when bait fishermen find out they can start catching more fish than ever before, we may not be able to keep up with demand.

After all, we're only human.

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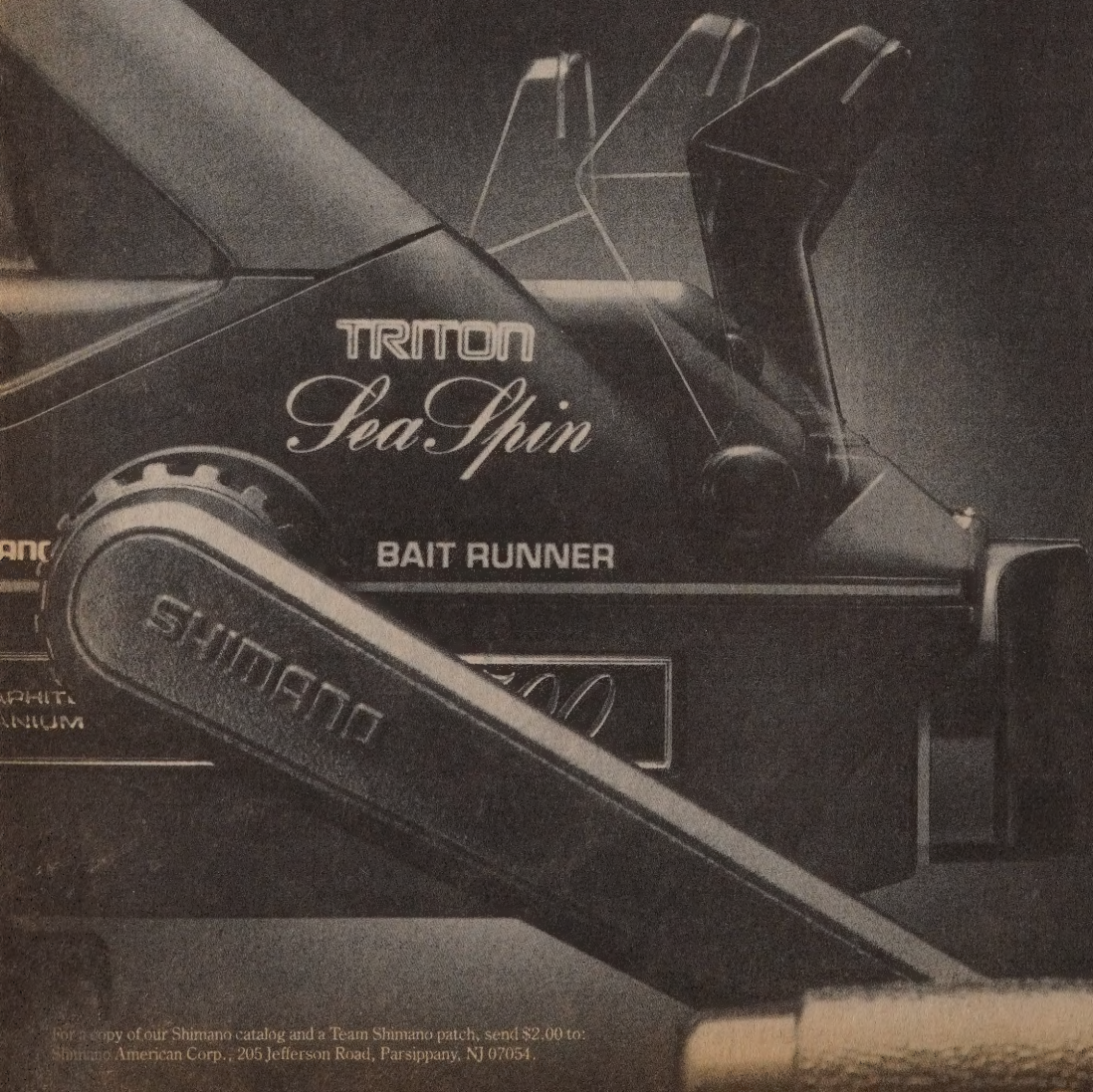

For a copy of our Shimano catalog and a Team Shimano patch, send $2.00 to: Shimano American Corp., 205 Jefferson Road, Parsippany, NJ 07054.

In Memory Of DON MILLER

The Fisherman staff was deeply saddened to learn of the recent death of Don Miller, a former editor of The Fisherman in the late sixties. Don died as the result of an apparent drowning accident at Plantation Key Marina in the Florida Keys. He was 53.

Don was best known "up North" for his uncanny prowess at taking trophy stripers from his native western Long Island Sound. He also owned Glenwood Marine and Tackle in Glenwood Landing prior to moving to the Keys in 1972. It was his deep love for fishing that led Don to the Keys.

Once there, he worked as a hospital administrator before assuming the post of Executive Director of the Everglades Protection Association in 1980. After four years of dedicated service to the E.P.A., Don left to pursue a career as a back country fishing and camping guide and to spend more time doing what he loved best, fishing. Captain Don's back country charters provided his parties with a unique experience and a deep appreciation for the fragile environment of the Keys.

Don will be sorely missed by all who had the good fortune to share a boat with him, as well as his many friends and family. The Fisherman family extends its heartfelt sympathy to Don's wife Connie, and his sons Jesse and Steven.

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MERCURY OUTBOARDS

BOATS FOR ANGLERS:

FISHER SV-18 SALMON SERIES

by Pete Barrett

The Fisher SV-18 will appeal to the salmon fisherman of the Great Lakes, the trout and bass angler fishing big impoundments and the inshore saltwater angler seeking fluke, blues and weakfish. It does all these jobs so well because Fisher took the time to ask fishermen what they wanted in a boat before the first SV-18 was even built.

Advertised as the "Salmon Series," the SV-18s are versatile enough to fish almost anywhere. Because they are built of aluminum they are light in weight for trailering with today's small cars and trucks and they run on only a few gallons of fuel for a full day's fishing.

Formed of .080 gauge corrosion resistant marine grade aluminum the hull is constructed around an all-welded Unit Frame skeleton. The result is a hull with little flex and a feeling of solid ruggedness. There's no plywood in the Fisher. Even the decks are aluminum and there's plenty of flotation laid in-between the decks and the hull for safety and a quiet ride.

The hull is designed around what Fisher calls a Controlled Vee design with 30 degrees of bow entry tapering to 12 degrees at mid hull and then 4 degrees at the transom. In a short chop the deep entry gives a good ride and the wide flaring bow helps to throw spray away from the captain and crew. Fishers easily handle typical rough water encountered on big lakes and inshore saltwater bays.

There are two versions of the SV-18: a center console model and a side console model. Both are similar, but the side console model offers the most deck room. For salmon trolling, inland bass casting or bay fluking the side console is like fishing in a football stadium: it's big on space. The center console is a good choice for the fisherman who runs longer distances in heavier water, standing while running the boat for better visibility and ride.

The center console has an aluminum bow rail, the side console has none. Both boats have a raised casting deck wtih generous storage compartments built-in, including a live well with an electric pump to fill it and keep baits aerated. Deck covering on the side console is marine grade short pile carpet; the center console is Nautolex vinyl with a non-skid pattern.

Fisher made the gun'ls wide specifically for mounting downriggers and rod holders, even outriggers for trolling top water baits and lures. Lockable rod storage is provided under the gun'ls—a good feature for traveling fishermen.

The consoles on both models are fiberglass and have windshields. The center console has a grab rail and a cooler built into the forward seat. A lockable storage compartment in the console protects electronics and other valuable gear from theft.

The slide console has a sloping front panel that will hold a graph recorder or LCD unit. Radio and Loran must be mounted below the console. The center console, being much larger, has more room for electronics and has space for the recorder plus a Loran right on top of the console. Other electronics can be flush mounted or mounted on the console shelf.

With a 20 inch transom the SV-18s will take short shaft engines up to 115 horsepower. The transom is designed with a built-in splash well that also covers the aft deck space for fuel tanks, oil injection tanks and battery to keep these items dry and clear of the fishing area.

The basic boats offer clean, uncluttered deck spaces with a lot of storage so the fisherman doesn't have to stumble over tackle boxes and loose gear. There are many custom additions that can be added such as vertical rod storage on either of the consoles, additional flush mount holders on the gun'ls, a bow pedestal seat, electric motor mounted either on the bow or at the transom and a canvas spray hood for the bow in case of nasty weather. The pedestal seats could be swapped for deck mounted coolers to add more storage and to serve as fish box(es) for the day's catch.

Careful inspection of the SV-18 showed quality workmanship throughout the boat. The ivory finish with anodized aluminum trim rails and grab rails accented with the tasteful brown and maroon side stripes looks real sharp. All joints, riveting, screw mounts and hardware are well done. These are classy boats, well made and very fishable.

* * *

SPECIFICATIONS

Length	18'3"
Beam	84"
Hull Weight	700 pounds
Maximum Horsepower	115
Fuel Capacity (portable)	24 gallons

Manufactured by: Fisher Marine, Post Office Box 1256, West Point, Mississippi 39773, (601) 494-1786.

Quantum put together the reel that took apart the competition.

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So while DynaMag® magnetic casting control gives you a wide 280° range of sensitivity (nearly twice that of most reels), eight cobalt magnets are precisely aligned to maximize spool control, eliminate overrun. The u-arbor and oblong line guide exactly fit the system to reduce friction. The drag literally "reads" resistance. No bumps, jerks or chatter.
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QUANTUM® Zebco Quantum MotorGuide

Precision Engineered in America

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★ PRODUCT REVIEW ★

NEWELL 229F CONVENTIONAL

by Brian Mulholland

The small to mid-size conventional reel is the single most versatile tool a saltwater angler can own. Reels of this size class, typified by the Penn Squidder and Jigmaster and the Daiwa 50H, are the workhorses of sport angling. Their spools are large enough to offer rates of retrieve that are sufficient for most purposes. The drag capacity is adequate for large bluefish (the biggest game most of these reels ever see) and even the cheaper reels are durable enough to last for years with very minimal maintenance. I have a Penn 155 that my father left me; I don't think it saw oil more than once every 10 years, but it still works. I use it for nothing more demanding than bottom fishing, and for that it serves quite well.

The better reels in this size bracket offer two particular things which the cheaper reels do not: superior casting performance and a higher level of mechanical refinement. Easy casting requires a light spool, usually aluminum, and finer mechanical tolerances than are needed if the reel is merely going to winch a hunk of lead up and down. It also implies a light weight reel, especially for the underhand casting required on a party boat.

The better reels also sport faster gear ratios than cheaper products. A fast gear ratio lets you move a diamond jig speedily through the water. I think speed is overrated for diamond jigging, but it does matter on some days. Better yet, it is easier to keep your line tight when the fish runs toward you if the gearing is on the fast side. This is especially valuable in smaller conventionals, since their spool size may shrink considerably if you lay out a lot of line on a cast. The Newell 229F, which carries 290 yards of 20 pound mono, falls into this size category.

Carl Newell Manufacturing Co. makes high quality conventional reels in the 2/0, 3/0 and 4/0 size bracket. All of these reels share certain distinguishing characteristics. First, they are expensive, generally running between $80 and $100 at retail. Second, they are very finely made, displaying a precision of manufacture that is among the best of star drag reels now on the market. They need more regularly scheduled maintenance than some lesser reels, but in return they offer a very high level of performance. They are also lighter in weight than comparable reels, which can make a difference over the course of a long day's angling.

The Newell reels are available in 4:1 and 5:1 gear ratio. Although I have reservations about whether this is a good idea for a 4/0 reel, it certainly is useful in smaller sizes. An "F" following the number indicates the faster gear ratio. The 5:1 ratio is the fastest of any production reels in their size bracket now on the market. Such speed is useful when a fish runs toward the boat. The drag mechanism is superb, a critical factor in selecting any reel.

Those anglers who dislike the mechanical elaboration of many current reels will find the Newell design appealingly simple. The reels lack mechanical or magnetic anti-backlash devices, though you can control the spool somewhat by tightening a screw on the spool shaft. Free spool is controlled by a short throw lever.

The 229F also sits low on the rod. My wife has small hands, and has had some difficulty in thumb controlling larger conventional reels. But the Newell 229F is more akin to size and height above the reel base to a big baitcasting reel, rather than a standard 3/0 conventional, and she has no difficulty in controlling it. My hands are a great deal larger, yet the reel's small size and lightweight does result in less wrist fatigue by the day's end.

Casting performance is superb, whether underhand or overhand. The reel comes off the PacificStik which I use for bluefish jigging and goes on a 9 foot rod for the surf. Let's have a show of hands: how many of you have a boat reel that also performs well when surfcasting? Not too many, I'll bet. Since it does lack a magnetic anti-backlash control, I don't use it at night.

The reel's only limitation, besides cost, is its need for regular preventive maintenance. But if you're interested enough in a quality reel to spend the price of this little gem, you should also be willing to pay a little attention to greasing and oiling the reel at the prescribed intervals, or have someone else do so.

* * *

For more information contact: Carl Newell, Mfg., Fishing Tackle Division, 940 Allen Ave., Glendale, California 91201.

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THE TACKLE DOCTOR

by Russ Wilson

Dear Doc,

I recently installed a VHF radio on my boat for better communications in the coming season. My old CB seems outmoded now and I know a lot of my buddies no longer use it. My question is this: where can I purchase a book or pamphlet that tells me how to use a VHF radio? Do I need a license or permit and what channels do I use for talking to my buddies? *Bill Pearson.*

Dear Bill,

VHF radios are under the jurisdiction of the Federal Communications Commission and the use of these radios must follow the guidelines and regulations they have set up.

The FCC recently dropped the operator's permit requirement, so you do not need a permit to operate the radio yourself. However, your boat must have station permit and an application for this permit should have been packed along with your radio. If not, you can obtain the application (FCC form #506) by writing to the FCC at the Bureau Licensing Division, Gettysburg, PA 17325. There is no charge for the permit. It must be kept with your boat records, such as the state registration papers.

A detailed description of how VHF radios are used is available in a book titled "Marine Radiotelephone Users Handbook," at $7.95 per copy from Radio Technical Commission (RTC), PO Box 19087, Washington, DC 20036.

Occasionally the FCC has cracked down and monitored VHF radio transmissions, much to the chagrin of the operators who had no permits or who used the radio in an improper manner. Fines were levied. It's best to be sure how to operate your radio.

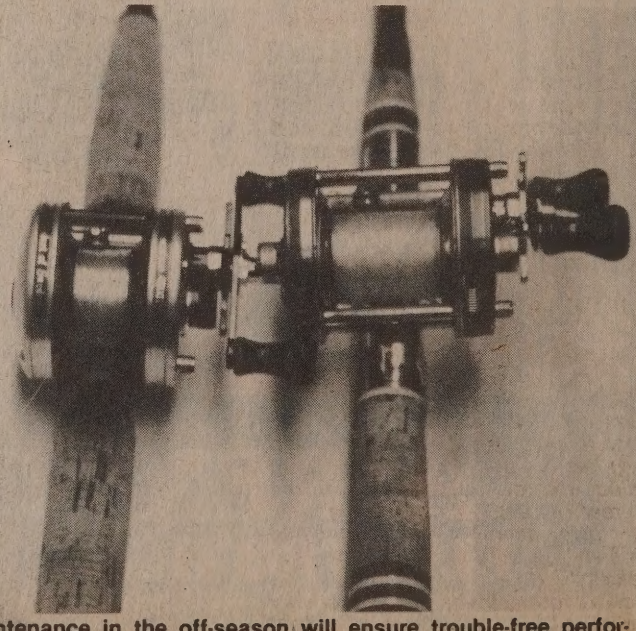
* * *

Dear Doc,

What is the best cleaning solution for removing the grease from my fishing reels? I've tried soap and water but that leaves me with a mess in the sink and my wife complaining about ruining the kitchen. What do you suggest? *Mark Tatum.*

Hi Mark,

Probably every fisherman has been in your shoes! And you are right, it can be a mess in the kitchen. Choosing the best cleaner takes some careful evaluation on your part. The safest is a high-strength liquid soap like you would buy in a supermarket for cleaning kitchen grease. The problem is it



Proper maintenance in the off-season will ensure trouble-free performance from your reels during the season.

can be messy and the water used to remove the soap and grease can start to rust metal parts on your reels if not dried right away.

Other cleaners are more effective in cutting grease, like carbon tetrachloride sold in hardware stores, but require excellent ventilation of the work area. I've used carbon tet for many years with no problems by using very small quantities of the stuff and by keeping the basement window next to the work area wide open.

Gasoline, kerosene and acetone also work. Again, small quantities must be used in a well ventilated area. Need I say "don't smoke!" These three liquids will clean metal parts very well, but may harm the finish of some paints and plastic parts.

A friend of mine uses the best of all worlds. He disassembles the reels, uses an ounce or two of gasoline to clean the gears and other metal parts, then cleans the plastic parts in soap and water. He liberally sprays the parts with CRC or WD-40 to remove all water residue and then re-assembles the reels.

Whatever system you choose, be careful. Pay attention to the directions on the can, work in ventilated area and use very small quantities.

* * *

Dear Doc,

Last year I purchased one of the "Stroker" series of Sabre rods and had a lot of success with it on sharks and also used it chunking for tuna. Unfortunately, the rod lost an argument with the back window of my station wagon and although the blank looks fine, one guide was damaged. I know I can get it repaired locally, but I really wanted to match the guide wraps exactly as Sabre made the rod. Can I send it back to them?

I'd really hate to be without this rod this year. It was a big help in landing several good sized makos and bigeye tunas. *Ron Miller.*

Dear Ron,

Our experience with the guys at Sabre rods has always been very good and I'm sure they will try to help you. Even though you say the blank did not look to be damaged, I'd not feel secure until Sabre could inspect it and verify that everything was okay.

I'd suggest that you pack the rod and send it to Sabre Rods of California Tackle, 17100 Keegan Ave., Carson, CA 90746 for their evaluation. Write them a short note about what happened and what you want them to do.

If their inspection reveals that the blank is damaged, they'll notify you. Since this wouldn't be warranty work, they are under no obligation to replace the rod, but they may, in the interest of good customer relations, offer a replacement at a reasonable price. If the blank is okay they will make the repairs and ship the rod back to you with charges. Either way you'll be sure you have a rod in perfect shape for the coming season.

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—INVESTIGATIVE REPORT—

RENEWED THREAT TO BLUEFISH FISHERY

by William A. Muller

The rumor mill has been buzzing in recent weeks about a possible large scale harvest of bluefish from Long Island waters for export to Africa. The buzzing reached us from fishermen and media colleagues around Long Island. The rumor held that 5000 metric tons would be the harvest, or about eleven million pounds. Take another look at the number: 11,000,000 pounds.

This was the fear we held viable when we first demanded a bluefish management plan years ago. Democracy in action? The people said they needed it, the people insisted upon it, the data said the people should get what they wanted, and government ignored all this.

Is the current rumor mill just issuing rumors, or is there truth here to mold into our worst fears and become a real nightmare? Here is what we've been able to find out.

A local commercial fishing entrepreneur has been negotiating with the Japanese to sell frozen bluefish. Apparently, these discussions were facilitated by the fact that Japan is the major buyer of butterfish here. Although Japan is a viable market for butterfish, the Japanese people do not relish bluefish. However, the Japanese would market the bluefish to African nations (principally Egypt) where people like oily fish.

To the best of our knowledge, the market has not yet been established, nor has the price which, if very low could nix the deal even if a consumption market were guaranteed.

The commercial men were quite reluctant to speak to interests from the recreational industry, ostensibly because the potential local harvest is understood to be an irritant to the marine recreational community. However, this reluctance has not stopped the flow of information.

The prime mover is Mr. Phil McSweeny, a staunch advocate of expanded commercial fishing activity on Long Island. At meetings and public hearings he has repeatedly spoken against any regulatory control of the industry.

According to sources close to Mr. McSweeny his operation could produce as much as 40 tons of whole bluefish per day and a somewhat smaller amount if the deal required the fish to be filleted. Although publically Mr. McSweeny has insisted that an unregulated commercial fishing industry maintains many job opportunities and could create many future jobs, our sources were firm that if this bluefish project were in full swing, it could only employ a maximum of about 20 people. On the other hand, 11,000,000 lbs. of bluefish in Long Island waters for use by recreational anglers creates thousands of jobs for the industry.

The worst fears of recreational anglers concerning large scale harvest of blues, may become a reality.

It is important to remember that most of the 11,000,000 lbs. of this projected maximum harvest would be NEW tonnage. That is, not diverted from the yearly traditional bluefish harvest. "The destination of the bluefish is no concern to the recreational industry," said one spokesman who preferred to remain anonymous. "However, clearly the local harvest cannot be diverted because the local demand will still be there. Thus, any export bluefish will represent an additional harvest tonnage, and that tonnage would most likely come predominantly from the mid-September to mid-November period. Such a large harvest would, for all intents and purposes, be an inshore harvest and, thus, removal of such large quantities of blues in the fall could easily devastate Long Island's recreational industry which has become increasingly dependent upon bluefish as the sole inshore game fish, what with the sharp decline in striped bass and weakfish."

An authoritative official from the field of fisheries management also expressed mild concern. The concern was tempered by what is believed to be the unlikely fulfillment of this project this year. The source admitted, however, that the future seems to hold some tendency for large scale bluefish harvest for export, unless a management plan is developed and implemented. "This type of crisis would stimulate interest in a bluefish management plan." The implication is clear that large scale harvesting would cause the implementation of the plan whereas without it, a plan might be many more years down the road.

Other fisheries managers we talked to thought that crisis management was not the best way to manage a resource. "If we insist upon the exis-

tence of a crisis before taking positive action we will be destining a worst-case scenario in which a fishery must collapse or be near collapse before scientists can begin to touch it; from a management perspective. It makes more sense to stabilize fisheries and thus stabilize their related industries to say nothing of the world protein availability levels."

Fisheries managers also pointed out that competition from both Atlantic and horse mackerel, which are in greater demand in Africa than bluefish, could prevent a deal this year, especially since the stocks of Atlantic mackerel are up and thus the price is down. In addition, herring stocks are also up, and sometimes herring is used as a substitute for other oily species.

We've been able to find out that the Egyptians have offered 16 cents per pound for large scale purchase of mackerel or herring. Thus, the availability of other species at lower prices would seem to prohibit this project since local fishermen would have to get close to 25 cents per pound in order to stimulate the kind of fishing pressure that would provide adequate tonnage, according to local observers.

The strong U.S. dollar may also make the bluefish deal harder and thus, this may force a deal for mackerel with the Canadians.

Another front: we have been able to determine that there is new interest in a bluefish plan among the fishery management councils. According to Mr. Gordon Colvin, Director of Marine and Coastal Resources, DEC, "The councils are back to work on a bluefish plan in tandem with the Atlantic States Marine Fisheries Commission. Recently, a council committee reported that conditions that would support development of an export fishery exist." At the March 5, 1986 meeting of the Mid-Atlantic Council, the committee reported these findings to the full council.

According to Mr. Colvin, "This effort on Long Island, whether it succeeds this year or not, validates the committtee's conclusion."

Thus, it would appear that the battle to establish and implement a meaningful management plan for bluefish is about to be re-engaged. The Fisherman will keep you up-to-date on this issue with update reports as information becomes available. The future stock levels of bluefish in our waters is a prime concern of our industry, because we simply have no other abundant inshore game fish to pursue. Had striped bass and weakfish been managed effectively when the cry rang out many years ago, the urgency of bluefish management might be diminished. We hope public officials have learned a lesson from these experiences. To a large extent, the future of marine recreational fishing on Long Island will depend upon how this problem is addressed, how quickly it is addressed, and how successfully a solution is implemented.

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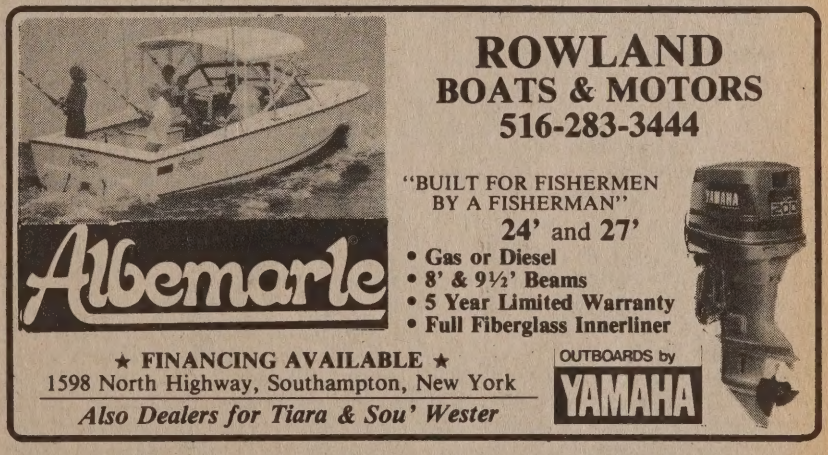

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STATE ANGLING AWARD PROGRAM

by Fred Golofaro

The Fisherman Magazine and New York State's Department of Environmental Conservation, are pleased to announce the expansion of the State Record Program to include new award categories that will recognize exceptional catches of marine species from New York waters.

Among the new categories are the Skillful Angling Award. It provides for recognition of outstanding catches with a handsome certificate, suitable for framing. Fisherman readers will notice that the minimum weight requirements for this award are noticeably higher than minimum weight requirements for Skillful Angling Award programs sponsored by The Fisherman in the past. The new minimum weights ensure that all noteworthy catches will be recognized and add a measure of prestige to the accomplishment as well.

A new concept for 1986 is the State Angling Award which recognizes truly extraordinary catches made in the New York Marine District. Anglers who meet the high standards set for this award (e.g., bluefish-20 lbs., flounder-4 lbs., cod-50 lbs., mako shark-500 lbs., bluefin tuna-800 lbs., striped bass-50 lbs., weakfish-14 lbs.) will receive a handsome pin in recognition of their exceptional catch. Those who qualify for the State Angling Award can be certain that their catches will rank among the season's more memorable achievements.

Those anglers fortunate enough to establish a new state record will receive a State Record Certificate denoting their accomplishment, as well as a State Angling Award Pin. State record listings will be updated on a regular basis in The Fisherman for those looking to get in on the record hunt. The current marine records list includes eighteen species with plans to expand it to twenty-four. The additional species include atlantic bonito, little tunny (false albacore), hammerhead shark (smooth), porbeagle shark, thresher shark, and skipjack tuna. Anyone who believes they may have landed a fish of record proportions and can provide documentation of their catch, should contact me at The Fisherman so that we may begin validating their catch for future listing as a state record. Also, any current record holder who has not received their certificate, should contact myself at The Fisherman, or Mr. Chet Zawacki at DEC in Stony Brook (751-7900).

Entering your prize catch in the Angling Award Program will be easy. Just take your catch to any Official Fisherman Weigh Station to have your fish weighed. Weigh stations will be supplied with the required entry blanks. Fill out all of the requested information and be certain that the weighmaster and a witness sign the slip. You, not the weigh station, are responsible for mailing your entry to The Fisherman.

An information pamphlet and weigh slips are available upon request. Send a self-addressed stamped envelope to Angling Award Program, c/o The Fisherman, P.O. Box 1994, Bridge St., Sag Harbor, NY 11963.

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Hudson Point Fishing Station, Freeport
Hook, Line and Sinker, Freeport
Sea Isle Sport Center, Freeport
Lou's Fishing Station, Freeport
Kaysee Marine, Freeport
Scotty's Marina, Point Lookout
Ed's Fishing Station, Point Lookout
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Glen Cove Sport Shop, Glen Cove
Four Winds Bait & Tackle, Huntington
Huntington Prop & Tackle, Huntington
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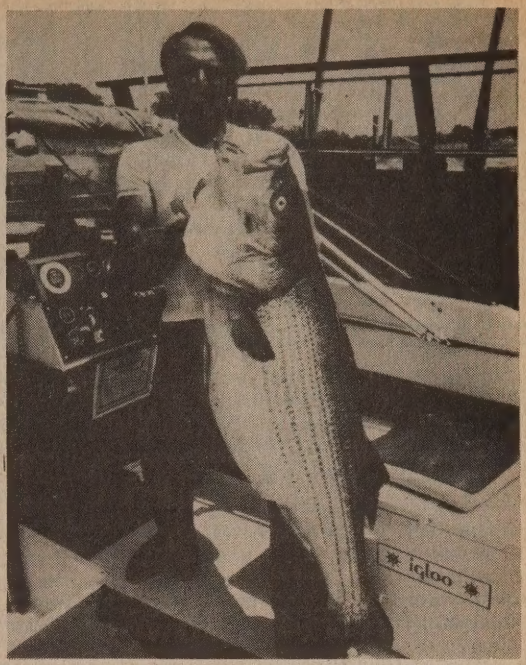
THE Fisherman/ NEW YORK STATE ANGLING AWARD PROGRAM

Department of Environmental Conservation



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BLACKFISH	10	12
BLUEFISH	18	20
COD	40	50
DOLPHIN	30	40
FLOUNDER (WINTER)	3	4
FLUKE	10	12
MARLIN (BLUE)	500	800
POLLOCK	35	38
PORGY (Scup)	4	5
SHARK (Blue)	300	350
SHARK (Mako)	400	500
SHARK (White)	500	800
STRIPED BASS	40	50
SWORDFISH	300	450
TUNA (Atlantic Bigeye)	250	300
TUNA (Bluefin)	600	800
WEAKFISH	12	14

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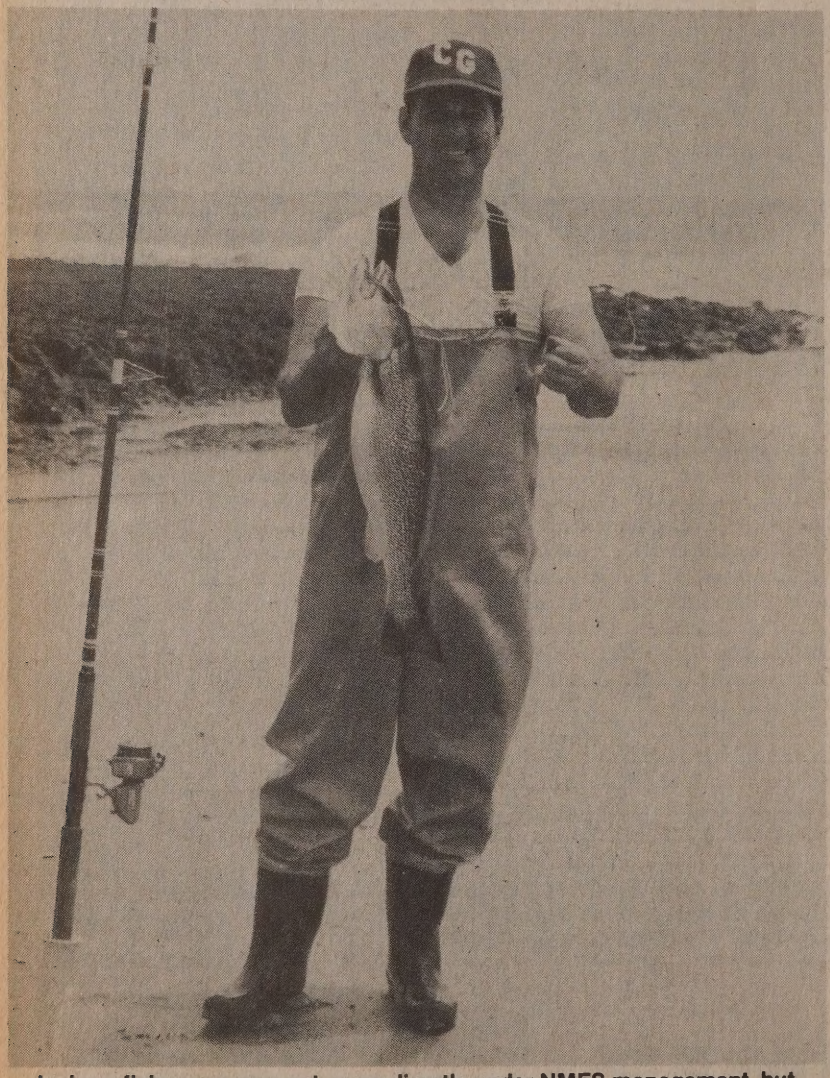
TROUBLE AT NMFS

by Eric Burnley

I recently received a letter from Mr. Gilbert C. Radonski, President of the Sport Fishing Institute, warning of a potential problem at the National Marine Fisheries Service. It seems that Mr. Bill Gordon, Director of NMFS could soon be replaced with someone who is less concerned with the recreational fisherman and more sympathetic towards the commercial fishing industry. This situation has come about due to the appointment of Dr. Anthony Calio as Administrator of the National Oceanic and Atmospheric Administration. Dr. Calio's appointment was heavily influenced by pressure from the National Fisheries Institute and other commercial fishing interests.

Bill Gordon is the first director of NMFS to give any credence at all to the recreational fishing community. He began a program to include recreational fishing interest in NMFS studies and has recognized the importance of recreational fishing to the economy.



Inshore fishermen may not come directly under NMFS management, but the species they seek spend a good part of their life cycle outside the Three Mile Limit.

Commercial interests know that if recreational anglers are allocated their fair share of the resource it will no longer be a wide open ocean where netters and trawlers may plunder at will. Recreational fishermen are also more conservation oriented than their commercial counterparts, so the resource is more likely to be managed for the fish and not for the commercial fishermen. While no one in their right mind would believe that Mr. Gordon is about to turn the National Marine Fisheries Service over to the recreational fishermen, the mere fact that he has recognized such a group exists, strikes fear into the pocketbooks of the commercial fishing industry.

To understand why Mr. Gordon's position is so important, you need to know how the bureaucracy works. It is somewhat like a military chain of command where middle management carries out the policies directed by the upper echelon.

In this case, the upper echelon is the Commerce Department. That means the policy set for management of our marine fisheries comes from people who are more concerned with the bottom line of a financial report than the physical condition of the resource. This situation is unlikely to change, so we must learn how to adapt to it.

The National Oceanic and Atmospheric Administration is under the Commerce Department and National Marine Fisheries Service is part of NOAA. The Administration of NOAA appoints the director of NMFS. As head of NOAA, Dr. Calio will also have responsibility for appointments to the Regional Fishery Management Councils which he has publicly stated are too heavily weighted towards recreational fishing interests. He will also appoint NMFS Regional Directors in the Northeast and Southeast Regions within the year. All of these appointments are critical to marine fisheries management and once they are made, we will have to live with them for many years.

I was particularly surprised to hear that Dr. Calio feels the Regional Fisheries Management Councils are heavily weighted towards recreational fishing interests. I am personally familiar with the Mid-Atlantic Council and it is totally controlled by the commercial fishing industry from the executive director on down. Recreational fishing advocates such as Al Ristori, Bill Feinberg and Barbara Porter who tried to oppose the rape and pillage of the resource were not reappointed to the Council.

According to Mr. Radonski, Dr. Calio would like to repeal the Magnuson Act and do away with all the councils. This would remove any chance the recreational fisherman has to make his needs known on a national level and put complete control of the fishery into the hands of professional

administrators such as Dr. Calio. I have always felt the councils were the one hope we had, but to date, the recreational fishermen and the recreational fishing industry have not exerted their potential and our efforts have been ineffectual.

The Regional Councils are extremely important because they manage the fishery beyond the state's three mile limit. While it is true that most marine recreational fishing is done inside the state's jurisdiction, the fish we are trying to catch spend a good part of their lives in federal waters. Bluefish, weakfish and flounder all migrate well offshore where they become targets for trawlers. Marlin and tuna seldom come within 20 miles of shore and are totally dependent on federal management plans. The tremendous increase in longlining and the corresponding decrease in marlin catches by recreational fishermen is a good example of the damage an unregulated fishery can do. This is a situation where the councils have complete responsibility but since they are controlled by commercial interests, it is unlikely that any meaningful management plan will emerge. However, if the recreational fisherman can get his act together, we at least have a vehicle, the councils, where we can make our concerns heard.

The most important thing to do at this point in time is to write a letter to Dr. Calio expressing your concern about the direction he is taking. Emphasize your investment in fishing, the cost of your boat, the fuel you use, the bait and tackle you purchase. Remember he works for the Commerce Department, not the Fish and Wildlife Service. He is a dollar and cents man, not a biologist.

If you operate a recreational fishing business your letter will have tremendous impact, especially if you tell Dr. Calio the number of jobs you create and the amount of taxes you happily contribute to the national treasury from which he draws his salary. Send your correspondence to Dr. Anthony S. Calio, Administrator of NOAA, Department of Commerce, Washington, DC 20230. Mr. Radonski, who knows Dr. Calio, assures me he will respond favorably to the recreational fishermen if we send enough letters. The ball is in our court. If we don't respond we will only have ourselves to blame as our fish are hauled off to market.

Offshore anglers are totally dependent on NMFS management to protect their fishery.

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CONTENT BONES

by Tom Goodspeed

The Florida Keys have a well deserved reputation for producing some exciting bonefish action.

In winter, when you want to wet a line and don't really dig all that ice fishing, a lot of us think about a trip to Florida. Well, I don't dig Florida that much either—except for the Florida Keys. And I do love the Keys!

Twenty years ago my wife Phyllis and I honeymooned at Hall's Bait and Tackle in Marathon (yes, they do have honeymoon cottages) and we have managed to return to Marathon every couple of years since. During our stays, we've managed to take in just about all the fishing that the Keys have to offer and our A-1 favorite trip is with a professional guide in a high powered bonefish boat to the flats out toward Content Key.

Now, winter isn't the best season for poling the flats; the prime season has to be May/June. But I'm not there in May/June; I am there in January or February, and some doggone good bonefishing is there to be enjoyed, in the dead of winter.

The technique involves first getting to the flats. It used to be that most any flat held bonefish. I recall years ago seeing bonefish tailing in the shallow, crystal-clear water alongside Rt. 1 while driving on the Seven Mile Bridge below Marathon. There are still guides in the area who will fish these nearby waters today; but the prime waters are more remote, more difficult to reach, where the fishing pressure isn't quite as great and where the bonefish gather in greater numbers. My "spot" is Content Key, which lies close to an hour's run north of Big Pine Key.

Your next consideration in setting up the trip has to be the weather. Ideally, you want an airless, sunny day, a day when a calm descends upon the water. That's because it is on this kind of day that you can see the bonefish. That's correct. See the bonefish. The whole idea is to spot your fish and then cast a lure (or a live shrimp) to it. Ripples on the water ruin the sighting and the clouds in the sky don't help either.

The reason we like the sun overhead is simple. The bonefish is so naturally camouflaged for these tropical waters that it's very difficult

to spot. So our technique is to look not for the fish but rather for its shadow on the bottom. It's that simple. Once the shadow is spotted, we then look for the fish—and try to distinguish the bones from the barracuda that abound.

It's not that we don't enjoy catching and releasing barracuda. We do. But not on an expensive bonefish flat. When visiting Content Key, you just don't cast to 'cuda. You wait for the bones. And once you've seen a bonefish, you'll always recognize them.

The idea now is to make just one perfect cast. You want to drop your 1/16 or 1/8 ounce jig a bit to the front and just beyond the moving fish, without too much splash. I usually let the lure sink to the bottom—and then bottom hop it towards me in a gentle undulating motion.

The strike is difficult to describe as you are watching your lure and the fish simultaneously. Your nerves are on edge, steeled for the hit and the tendency is to jerk the lure out of the mouth of the fish as it swirls towards the lure and engulfs it. Realistically, you must pause for just a split second; and then set the hook.

For tackle, I use very light equipment such as my favorite 6 foot graphite. My ultra light spinning reel is loaded with fresh 6 lb. mono (and I'll need every foot of it that can be spooled onto the reel). On the tag end of the line (I favor clear blue Stren), I'll tie a 3 foot Bimini as a shocker and I'll tie my lure to this double hank of line. This helps to resist the abrasion that may occur as the fish streaks off across the marl and coral bottom.

The first run of the bonefish is spectacular, invariably taking out from 50 to 80 yards of line. This first run is everything they say it is: a smokin'-reel charge which puts even our Yankee bluefish to shame.

From then on in, it's a great fight and ten minutes later the guide is leaning over the gunwale, releasing another bone to fight another day.

Should the weather pick up so that sight casting is impossible, your guide will have some live shrimp in the well and he'll use these to bring the bones to you. He will break a couple of shrimp in pieces and toss these overboard; a couple now, a few a bit later. Soon, a bonefish will appear, then another. Gently, then, you bite the tail off another shrimp, insert your hook at the tail and thread the hook into the curve of the body. You then toss the bait out into the chum—and you're on your way, hopefully with a typical eight pounder.

Bonefish, incidentally, make poor table fare, so don't kill your fish unless you want it mounted. A good mount does make a wonderful souvenir of the trip, but it does add considerably to its cost.

For current prices and guide reservation service for bones at Content Key, drop a note to Gary Edelson at Hall's Resort Bait and Tackle, 1688 Overseas Highway, Marathon, FL 33050; (305) 743-9474.

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FLOUNDER MAGIC

by Matt Ahern

Our resident sinker bouncer tells how those "master anglers" always manage to take more than their share of tasty flounder.

It is common knowledge among the bottom fishing clan that there exists a select group of sinker bouncers who seemingly can do no wrong when enticing fish to the baited hook. You've seen them; I've seen them. These are the fellows who enter the fishing scene and magically begin picking away at the fish—although at the moment neighboring fishermen may not have had a bit of action for hours.

These fellows deserve all the praise we give them, but before we go overboard with our accolades, let me say these superb fishermen aren't really magicians—it only appears that way. They, like us, have poor days, too; but you may be sure their poor days are few and far between.

Nowhere is this "magic" more apparent as when these fellows go out to do a little flounder fishing. We who have floundered awhile know that our flat friend can become exasperating at times—occasional easy catches notwithstanding. But these saltwater magicians seem to have no difficulty when the chips are down; therefore it must stand to reason that these "miracle-workers" are doing something the average flounder fisherman isn't. Just what acts of "magic" do these magicians perform to make them so successful?

Well . . . let's see.

Because I've always been curious about how such excellent fishermen got that way, I've made it a point to ask questions, hoping always that I would eventually establish some sort of pattern. I learned several things, things which were repeated over and over again by these good fishermen: 1) All these superb anglers are dogged in their zeal to succeed; 2) nothing fazes them; 3) they try anything within reason to accomplish their desired objective—no matter how outlandish it may seem.

For instance, take the use of fresh bank mussels for bait. Flounder fishermen know these make excellent bait for the flatties; the difficulty lies in keeping them on the hook long enough to entice a hungry flounder. Especially is this so when casting. But this annoyance may possibly become a thing of the past with a bit of effort on your part. The solution—are you ready for this?—may be in the use of dried mussel.

I had never heard of using dried mussel for flounder bait until a fishing buddy of mine put me wise. He told me that an old-timer he occasionally fished with would shuck out a batch of fresh mussels before a planned trip, spread them on a suitable sized board in the open and allow the sun and wind to go to work. That's all!

The mussels became toughened by this natural curing process, so tough that often the hook must be forced through when baiting up. The mussel, however, soon softens in the water and quickly assumes its natural succulence. And best of all—the fish go for it with gusto! I haven't as yet tried this novel idea, but it certainly sounds good and I've got a hunch it's well worth the effort.

Dried bank mussel for flounder is an unusual innovation, I'll admit; but there are many other flounder catching methods available. Most of these are common and have been around for a long time. But because they are common, many fishermen overlook them.

Let me ask you a question. How do you bait your flounder hook? Did you know many fishermen bait up without a bit of thought for the fish itself? Take my word for it—they do; and they are legion. I see it all the time. This thoughtless act is accomplished by fishermen who tell you flounder fishing isn't much fun because all they manage to catch are small fish. Of course, for this type of fisherman, flounder will always be small.

Believe me when I tell you there is a right way and a wrong way to bait a flounder hook. If you want decent sized flounder, make sure your bait lies on bottom in a **natural-like** manner. If you are using worm, make certain your bait isn't bunched on the hook. Don't allow that piece of worm to follow the contour of the hook any more than is necessary. And **always** make sure the barb is exposed at least one third of an inch from the end—and that end allowed to wiggle enticingly in the current. Don't worry: flounder never notice the hook and it also ensures instant hooking.

When you use a fresh, lively bloodworm, its muscles will immediately constrict the instant you cut or break a piece off. That piece won't relax for some time after. The colder the day, the longer this takes. Worm baits in this condition are tough and attract few large flounder. But this is easily solved. On your way to the grounds, or just before you begin fishing from shore, take a couple of those lively worms and chuck them once or twice against a hard, smooth surface. They will immediately become limp and be in prime fish-catching condition. Not only that, but your bait supply will last longer.

Clam also makes good flounder bait—if you understand how to use it properly. Whether you use soft, hard, or skimmer clam, it is always best to slice them into bait size pieces the day before you fish. They will reach some degree of softness overnight in the refrigerator. (Remember, it is soft bait which attracts flounder.) The ideal method is to prepare your clam bait several days before an intended trip and place it in the deep freeze. When thawed, those slices will really be soft.

Never hesitate to use good sized pieces of bait, be they clam or worm. Any flounder worth his salt can easily ingest a bait cut into inch and a half pieces. Because the flounder's mouth is small, many fishermen make a natural mistake and use baits that are too small. When using clam, be certain it is sliced into **narrow, thin** pieces.

And while we're on the subject of clam, you'll find this particular bait more acceptable in early spring when the water is cold. (Or during late fall.) However, as the spring season advances and the water begins to take on warmth, put your faith in worm bait.

Because flounder feed on certain foods according to water temperature, smart fishermen bring along more than one bait. Worm and mussel, or worm and clam—or any combination—should be as necessary as your tackle. Experienced flounder fishermen always do this. You may be lucky and find one bait—the only bait you may have—doing the job throughout the day. If so, you are indeed the fair-haired boy of the fishing gods. Trust them not, though, for they are indeed fickle. Be on the safe side and bring along two different baits (sometimes just changing from bloodworm to sandworm—or vice versa—will do the trick).

If the fish are picky, try a combination bait. Use a slice of clam and tip it off with a small piece of worm, or tip the worm with a dab of clam. This often does the trick. Why it does, I don't know; but I do know it is so.

Flounder can distinguish color; therefore some fishermen dye their clam baits red or yellow.

If you are interested in doing this,

preparation is easy. Cut your clam into the recommended size and use ordinary food dye. Use a few drops at a time and stir constantly with a small stick. (Make sure you cover the table, or whatever, with plenty of newspaper to catch any drippings—else you-know-who will frown your way... and the good Lord knows we poor fishermen are in the doghouse enough as it is). Don't over dye! You don't want your bait too dark, especially when using red food color. Store in the refrigerator or freezer, if necessary. Incidentally, if you freeze your clams first, they will absorb the dye faster.

Many flounder fishermen paint their sinkers red or yellow. I have never done so. I'm probably missing out on something because those fellows who do this, swear by it.

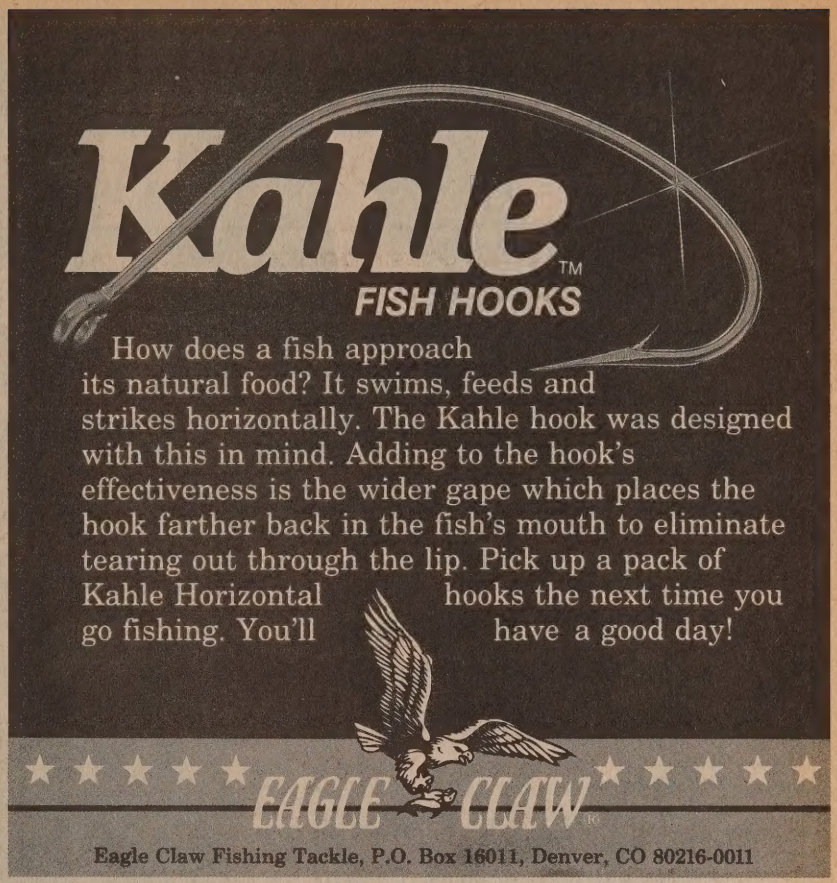
Because flounder are curious, it is a good idea to bounce your sinker when boat fishing. The results are often amazing. I can remember many days when the fish absolutely refused to bite unless the sinker was bounced a few times; hence the name sinker bouncer for us guys. It is something to keep in mind—especially when fishing on an east wind accompanied by a low barometer (which is nearly always the case). It is at these times when flounder need coaxing. Bounce your sinker a half dozen times (count them to yourself and stay with that amount), and let it lie quietly for a few moments and then cautiously raise your rod and feel for the fish. On such days, this is the way you'll catch your fish—so don't be surprised when you don't feel a bite.

And last but not least, don't forget the use of chum. A chum pot filled with crushed mussel or cracked clam, lowered to the bottom and bounced occasionally to dispense the goo into the current, will do the trick; or you can crack a handful of either and toss them uptide, gauging it so that most come to rest near your baited hooks. If the current is fast moving, use a chum pot for best results.

The use of canned corn as chum and as bait gains more popularity with each passing spring. I've been told that no harm is done to the fish when they feed upon it; but because I'm from the old school, I'm still not convinced that this is so. I leave the choice to you.

These are only a few of the methods experienced flounder fishermen use to fill that bucket. They've got many more up that proverbial sleeve. And you can be sure of one thing: they didn't discover them by letting the other guy do the thinking. A word to the wise is certainly sufficient in this case.

Now that this spring's flounder fishing is under way, it is a good idea to keep these fish-catching methods in mind. If you do that, you'll find that putting flounder in that bucket of yours isn't all that difficult. And you'll also find there's no magic involved at all—just plain old-fashioned common sense.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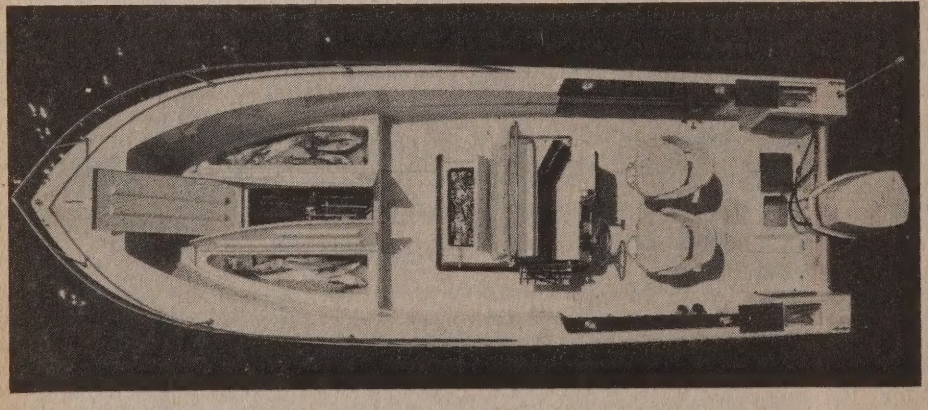

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CATCH AND RELEASE STRIPERS

by Peter Chan & Richard Grosser

The weather brightened just enough so that the lines wouldn't ice up in the rod guides and we were off on the long walk down the beach to the Lilco spillway in Northport. It was march and we hadn't learned the art of still fishing through the ice, nor did we have the stamina to go offshore for cod. The spillway was an answer. A stream of 60 degree water, as wide as four lanes of Long Island Expressway, tumbled over the cement lip of a fenced pool, across a widening chute between sand and gravel bars and out into the dull green of the Sound. Three wading anglers working the ebb tide were already into stripers.

Drawn to the warm water, a sizable population of striped bass winter close to shore instead of joining the fall migration to the Hudson River. They remain because of the inhospitable temperature (38 degrees that day) of the waters away from the main flow. Baitfish—mostly, the sand eel—are active in the area. And we are here, too impatient to wait out the long, cold season, eager to hear the sound of a new reel or to feel the play in a favorite rod.

We rigged up, fumbling, excited—and as usual, silently disagreed on the lures to be used. About 300 feet out, we joined the line of anglers along a shallow dropoff and made quartering casts. Feathering a little slack line to allow the lures to sink, we retrieved slowly, in a wide swing, across the dropoff. A few casts proved that we were both right: one and then another bright fish brought to hand. The steady pick of bass, a pugnacious fight and the arc of our rods put an end to a bleak off-season.

All the fish caught were released. The New York State striped bass season closed after November 30th and does not open until May 8th. This is fishing for fun; strictly catch and release.

In daytime, when the largest catch hasn't exceeded 4 lbs., releasing bass is simple: play out the fish and reel it within reach, hold the front of the lure (away from the hook), put the rod under the arm, lip-lock the fish with the thumb and fingers of the free hand, and remove the hook. Take care not to injure the gill structures and do not impale your hand on the dorsal spines. With this method, the fish need not be lifted out of the water.

Dusk to dawn fishing requires heavier tackle as the stripers can run much larger. The shore fisherman can slide a bass onto the beach. But, the wading angler must play a heavy fish out of the main flow to the quieter water to the side. The release method described above can be used.

Single hook lures make catching and releasing fish easier than with trebles, especially when the action gets hot. We went further and crushed down the barbs. The barbless hook was easier to set and we had little difficulty holding even the larger fish when they were played out of the strong current.

Fishing the Lilco outflow can be productive at both high and low tide, and both day and night. Northwest winds are preferable when fishing this spot as it blows the warm water, bait, and fish toward the beach.

Both lures and bait are effective. Bait fisherman sling out worms or squid from the beach during the higher stages of the tides. However, we find light spinning tackle and lures to be more fun, as well as more sporting. Since the average striper caught in the daytime ranges from 1½ to 4 lbs., we use light-action, 6½ foot graphite rods and 6 lb. test on a Cardinal 753 reel.

As with all surf fishing, it is best to survey the terrain during low tide to get a better understanding of this area. At high tide, you can fish near the beach into the outflowing water. Casting toward the waterfall with 1/2 to 3/4 ounce bucktails and letting them bounce bottom as they flow with the water is productive. Jigging the bucktails isn't always necessary here because the strong current moves it along the bottom. If this is not productive, try casting in a fan pattern in the outflowing water, covering as much water as possible. Again, try jigging it, and not jigging it. White is the preferred color; although white and red, white and green, and yellow work, too.

As the tide drops, you can work your way out onto the sand bar and cover additional water. Try casting into the rip that forms at the edges of the dropoff.

Bucktails, while the more popular lure here, are not the only productive artificials. One-quarter to 1/2 ounce leadheads with Sassy Shads, Vibratails and grubs worked too. Silver and grey seem to the best colors, and bright green or charteuse work better when the water is dirty. Small 3/8 ounce diamond jigs or spoons such as the TriFin spoon jig with a surgical tube tail work well. In strong current, the spoons tend to ride too high in the water and spin too much; it is best to use heavier bucktails or jigheads at this time.

The fish move around and you should too, if the tides permit. Don't stay in one location too long if there is no action.

When the tide is nearing the bottom and you are fishing out on the bar and still not connecting with fish, try this technique. Make a long cast with a 1/8 to 3/8 ounce lure and keep your bail open. Allow the current to take out your line and lure. This extends your reach into the receding waters, which may hold fish. Periodically stop your line by extending your index finger over the reel spool and feel for line tension and gently jig the lure. Or, simply close the bail after the current has taken the lure out a reasonable distance and work the lure in. This sometimes produces at the

(Continued on next page.)

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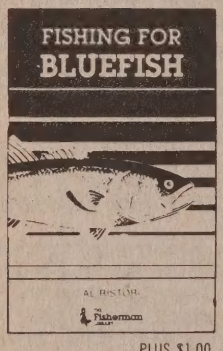

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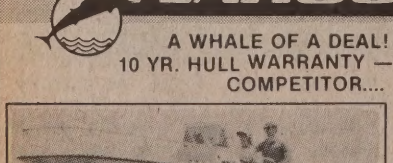
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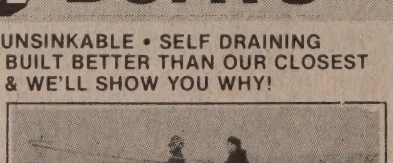
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Scents can be applied to soft plastic lures and even to bucktails, if desired. We have found that the percentage of strikes to casts sometimes increases significantly when scent is applied. We have had particular luck with Whizkers Essence of Minnow scent.

Night fishing here can produce large fish. We've seen a 23 pound striper taken, which was weighed and released, and others much larger than this are rumored to have been caught. At night, heavier tackle is used to handle the larger fish. The most effective lures appear to be the 4½ inch Rapalas or Rebels in sinking and floating versions.

The fly rod is an effective and elegant way to take fishing during low water and under moderate current conditions at the spillway. The first three hours of the incoming tide and the last three hours of the outgoing being ideal. An even and not-too-deep flow makes it easier to drift a streamer in a natural and lifelike presentation to holding bass. It isn't necessary to fish the fly right on the bottom as these fish will come up and chase a fly worked across the current.

The technique is to cast a bit up-current to allow the fly to sink and to fish a tight line as it comes across and swings through below. Working the fly vigorously does not seem to produce as much action as just giving the fly a twitch now and then. When the streamer is hanging straight down current, retrieving the fly about 10 feet and then letting it drop back down will sometimes produce fish.

We use 9 foot fly rods matched to #7 and #8 shooting taper lines. The 30 foot shooting taper is looped to 50 feet of #3 level shooting line and this is looped to about 150 yards of 20 lb. test dacron backing. Any medium size reel that can resist the corrosion of saltwater will be adequate for the task of playing these fish. The fight is not one of long, sizzling runs, but of lively resistance, short dashes and changes of direction that are easily countered by the long wand.

The high density sinking tip line put the streamer at a level that the bass liked without sacrificing the smooth casting that we liked. A floating line with a long leader and a heavily weighted fly or with 4 to 5 feet of braided lead core looped to the end picked up some fish, but we found that we missed a lot of hits when using the weighted fly and that the leadcore fished sluggishly. Both of these techniques required careful casting. A four leader of straight 8 lb. test monofilament will not discourage these fish.

Of the dozen or so fly patterns that we have tried, a 3½ inch long sand eel pattern has been the most consistent bass catcher. It is an easy-to-tie streamer, and all of the materials are readily available commercially. It consists of 4X long hook, olive thread, 2 or 4 white saddle hackles for the tail; pearlescent mylar braided tubing

(medium size) for the body and chartreuse FisHair for the wing.

This is a bright fly for the often murky spillway waters. The tyer can weight the fly a little by wrapping lead wire around the hook, but we prefer to add small split shots six inches up the leader, as needed. Crushing the barb will improve hook-ups and aid in releasing these fish.

As with spin fishing, the key to fly rodding success here is to find where the fish are holding at different stages of the tide. Explore the waters with your fly. Most casts are within the 60 foot range, but there are situations that may require a 100 foot cast. If you know how to handle a shooting line and a basket, bring them along.

There are two situations that the wading angler must be cautious of. First, be careful when approaching the low tide dropoff that we've mentioned. It's fairly easy to walk out with the outflow and the tide, but, with the loose suspension of sand underfoot and the current pushing you, it is difficult to come back. We have seen an angler take one step too many and he was barely able to scramble back from the edge of the dropoff. He did so by grabbing his buddy's line and pulling. Second, the deep trough just in front of the beach fills up quickly as the tide comes in. A full moon or a new moon tide when combined with strong shoreward wind and heavy water releases from the Lilco plant can be bring the water level up **very** quickly. Please take into account that you will be in deeper water as you come back to terra firma. Fishermen have drowned here.

We recommend that you wear a raintop over your waders and secure it with a surf belt for safety and to keep warm and dry. Dress in layers to keep warm: garments of wool and down are good, but the new synthetics such as polypropylene, Thinsulate and Polar-fleece have higher insulation values with less bulk and weight. Neoprene waders allow you to stay in the water much longer, or at least put a pair of fleecy pants between you and your waders. Thin polypropylene sox under a pair of heavy socks will keep your feet warm.

The hardest part is keeping the hands warm. Everything else can be bundled up, but the hands, once they get wet from releasing a fish or from holding a wet fly line, will stop your fishing in a short period of time. We got tired of this and brought two gloves along: one pair of light wool or neoprene for fishing, and another heavy pair that we would keep dry to put on when we went back to shore to warm up. Getting out of the cold water every couple of hours to warm up is a good idea.

The fishing here has been very good, and we have enjoyed ourselves as much any summer day of angling. Please heed our precautions about wading, and about the cold. And remember—this is a catch-and-release fishing until the striped bass season opens.

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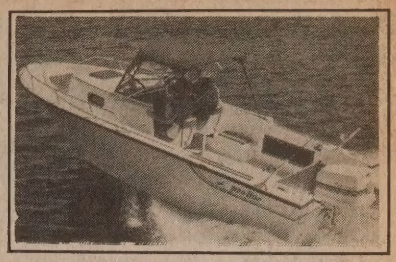

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WATER FRICTION: A REAL DRAG

Part Two — *by Bill Shedd*

None of our figures, so far, include another vital factor of line stress that must be considered: the element of "Reel Dynamics." As a fish takes line off your spool, the diameter of the coil of line reduces rapidly. Consider the center of the spool as a fulcrum, and the distance from that center to the outside diameter of your coil (the radius of the coil), as really the length of a lever. As this lever shortens, it naturally takes more and more force to pull out line against the drag setting at the spool center. The formula for this is well established:

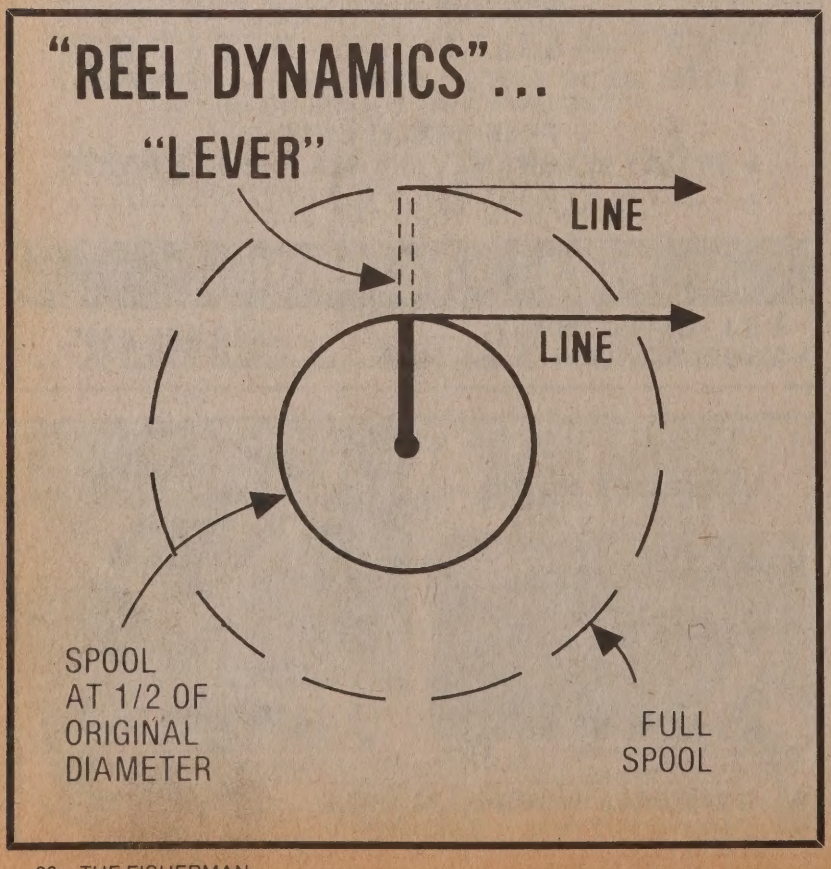
$$D \times \frac{O}{N} = T$$

D = Drag setting in pounds
O = Original spool diameter
N = New spool diameter
T = *TRUE* line tension or drag

Let's assume you are loaded with 30 lb. line, the diameter of your full coil of line is 4 inches and your pre-set drag is 7 lbs. By the time your spool's diameter is reduced to 2 inches, or one-half of its original size, the formula gives you this result:

$$7 \times \frac{4}{2} = 14 \text{ pounds of drag}$$

In practical terms, when the spool diameter is reduced to 50 percent of its size when you set the drag, your true drag has actually doubled! If the diameter of your remaining coil is down to one-fourth its original size, true drag is 4 times greater than the original setting! If you've followed a common pattern of setting strike drag at 25 percent of the line's rated strength, by the time you've given up enough line to bring the coil down to 25 percent of its original diameter, your line is right at the breaking point, right at the reel. Imagine the stress at the other end of the line, 200 yards across the water and being pulled by a powerful fish. Even fishermen who are aware of this simple physical reality seldom appreciate the magnitude of its effect and how drastically it reduces their chances of bringing a fish to the boat.



Now bearing in mind all of these forces, what is the intelligent course of action? You begin with the basic premise that you should put as much pressure on the fish as possible without putting unacceptable pressure on your line. Thus, you must have an awareness of the sum of the accumulated stresses bearing on your line at every moment, and of how the magnitude of those forces ebb and flow constantly.

You keep in mind that the greatest stress on your line is always at the point closest to the swimming fish, and that the weakest point in your line is at the knot. The tension on your line at this point is substantially, perhaps critically greater than the tension you feel at the rod, and far beyond the reel's drag setting. As the fish pulls off line, he has more line in the water to work against, and this drag, plus the drag setting at the reel, are additive. If the fish doesn't stop taking out line, there quickly comes a point when you must absolutely back off your reel drag. You have only minimal control over the line tension caused by water friction, but virtually complete control over reel drag tension, so the intelligent setting and resetting of the reel drag becomes a special, self-taught skill that separates superior anglers from mediocre ones.

Obviously, it is to your advantage to keep the amount of line in the water to a minimum, thereby keeping water friction on your line to a minimum as well. Proper handling of the boat is an important skill, too, as the Aftco tests on "bellied" lines clearly show. The boat should move towards or "follow the line," not the fish. All the other tactics that experienced anglers employ have a bearing on the outcome of their fight, but most of these tactics should also take into consideration the lessons of the Aftco charts.

Light tackle big game fishing dramatizes and proves these conclusions. Tred Barta, one of the world's finest light tackle anglers, lost so many big fish using 6, 12 and 20 lb. test that he kept a precise record of every hook-up, the tactics he employed fighting the fish and the final outcome in each case. His studies covered five full years of constant fishing, and involved hooking blue

marlin, white marlin, yellowfin tuna, bluefin tuna, wahoo, albacore, mako and swordfish. In the first year of his studies, he hooked 95 fish and landed only three! As observation and analysis gave him a clearer picture of the various pressures assailing his lines, he altered his tactics accordingly, and his batting average soared. By 1978, he logged 77 hook-ups and boated 47! In one memorable 3 hour, 25 minute battle, he landed a 63 lb. 12 oz. yellowfin tuna on 6 lb. test for a new world record. In boating a 90 lb. tuna on 12 lb. test, he fought the fish for nearly four hours, made 67 changes in his drag setting, and went into free spool 7 times. As you develop a similar understanding of the twin forces of water friction and reel dynamics, you will back off your draft just as readily and enjoy comparable success.

If you've chosen the proper tackle, tied your knots well and selected the right bait or lure, the last variable under your control is your reel drag tension, and how you manipulate it in controlling a fight. An initial drag setting of 20 to 25 percent of rated line strength is usually about right for fish big enough and fast enough to break your line. Once this setting is established, you must lighten the drag as the fish takes out line and re-tighten it gradualy as line is regained. Try to gauge the stress on your line at the point nearest the fish, and don't mistakenly assume that the total pull on your line is the drag setting of your reel. You must also consider the speed and to some extent, the direction of movement of the fish at all times. A heavy fish pulling 400 yards of 20 lb. test mono through the water at 14 knots can break your line even if you are in free spool, so obviously you increase your odds of success if you can keep the line in the water as short as conditions permit.

The quality lever drag reels available today from such manufacturers as Penn, Daiwa, Fin-Nor, Shimano, Everol, etc., make it relatively easy to see the location of your initial drag setting and to back off and then re-tighten it repeatedly without the risk of exceeding the original set. Owners of star-drag reels enjoy no such advantage. They have no practical way to back off and then retighten to the original point. Relying on feel and guesswork, they have always risked the unintentional overtightening which has caused the loss of more good hook-ups than any other action an angler can take. There is simply no question that drags that are too tight, for whatever reasons, cause the loss of many, many thousands of well-hooked fish every year.

Now with the development of the "Star-Set" by Aftco, these fishermen can also freely change their drag to cope with changing conditions as they battle their fish, confident that they will not retighten past the pre-set point. The "Star-Set" can be fitted to most star-drag saltwater reels in minutes, and it replaces the reel's original star and handle with the same components of the "Star-Set." A simple thumbscrew then establishes the upper limits of the pre-set drag.

In summary, the Aftco tests supply specific, accurate information on how water friction adds to the strain on your line. The men who carried out the tests were aware that other peripheral factors may also affect minor variations in their figures. These factors would include line stretch, the rising temperatures of a reel's drag washers during a long fight, and the varying density of seawater because of temperature changes, the presence of microscopic marine life, etc. However, the import of their findings is clear and conclusive, and illuminates a murky area of deep sea angling for those fishermen whose inner fires constantly impel them towards a clearer and more comprehensive perception of their favorite pursuit.

In a personal appraisal of the results, Milt Shedd concluded:

"These tests were designed to explore and measure the accumulated stresses that threaten your line as you fight a powerful fish. We found such stresses to be considerably greater than most fishermen realize; and that to counteract them, you must first understand their magnitude, then change your drag frequently and intelligently to protect your line."

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SCORING WITH TIN

by Herb Buch

Long before the onset of fancy plugs and tube lures, surfmen were racking up impressive scores of gamefish on "tin."

How would you describe a perfect lure for the surf? Something that you can cast a country mile, that has attractive action when reeled through the water, and is not damaged by the teeth of bluefish. Sounds like a word picture of a tin, and it is. For many years this was the only type of lure used in the surf and they caught untold numbers of fish.

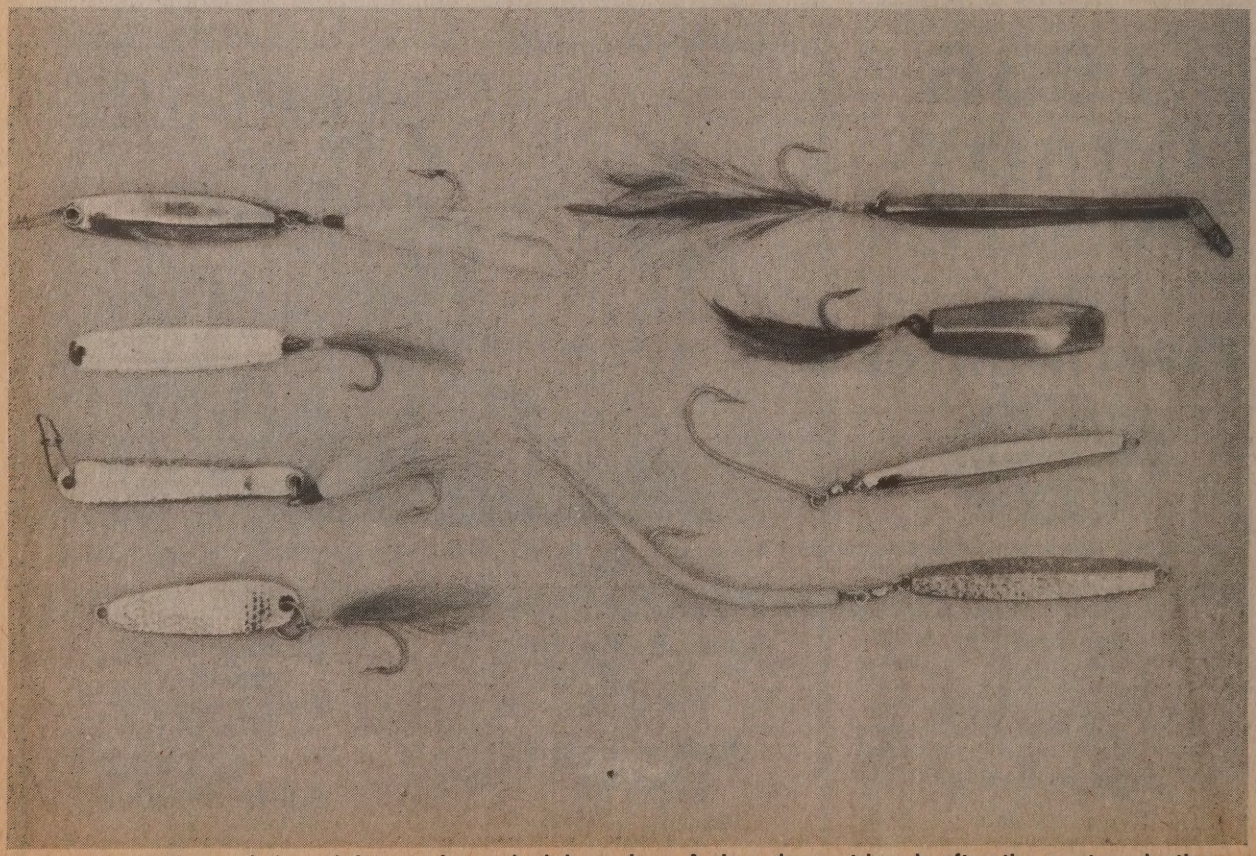
Is it really the perfect lure? No, but it is a necessity, particularly, but not solely, for daylight action. Can anyone fish successfully with tins? Yes, at certain times. However, an experienced surfman can catch fish on tins almost any time that there are active fish in the water, and that is the subject of this article.

Just about every new angler these days buys and uses a Hopkins. They are excellent lures, and have many uses. The lure comes in two shapes and an assortment of sizes, to match many kinds of baitfish. None of them really look like a sand eel, but they catch fish even when those skinny fellows are the first choice of the fish. Even though they are good, there are many other tins of equal worth, and some of them are much better for special situations. Old-timers carried a bag full of assorted tins, but more importantly, they knew when and how to use each one.

Before we get into methods, I think that we ought to clarify the meaning of the name "tin." Heavy metal lures were used to catch fish from the beach on hand lines long before modern tackle was available. The material used to make the lures was often lead, because it melts at a low temperature and is easily molded. Its density also makes it easy to cast. The disadvantages were the rapid tarnishing of the metal, and its extreme softness, which can be counteracted by using alloys.

Sometime in the early 1900s, people began to experiment with the use of other metals instead of lead. Tin gradually became the metal of choice, because it is very easy to melt, does not tarnish easily and can be polished to a mirror finish. It is not as dense as lead, but it has enough weight to cast easily. It can also be bent, to vary the action of the lure, and still holds its shape better than the much softer lead. The silvery sheen of tin is still preferred by many anglers to the harder flash of chromed metal. This material became so popular that to this day, we call all metal lures by its name.

The new generation of "tins" may be solid stainless steel, tin or chrome plating on brass or lead alloy. Pure



Keeled and diamond shaped tins can be worked down deep. A slow, deep retrieve is often the most productive.

stainless and tin are the most expensive and plated lead alloy, the least expensive, and also the least durable. Contact with rocks, gravel, and/or sand, often cause the chrome plating to peel off such models. The more expensive models usually hold their finish better.

Tins can be categorized by shape. Flat ones like the Hopkins tend to ride higher than the diamond jigs, but both of them tend to turn over easily and snag on the bottom. If the bottom is sand, it's not so bad, but you must remember to sharpen the hook frequently. The keeled tins are flat on top and ride with the hook up, an advantage when fishing deep. The Kastmaster belongs in this group. Thin ones sink easily and cast about as far as diamond jigs, but are a bit more expensive. The wider keeled jigs can be used to fish near the surface or to allow a very slow retrieve just off the bottom. Spoons like the Krocodile act like keeled tins.

The common approach to squidding is to buy a tin on the recommendation of a friend or a tackle shop, attach it to the snap of a wire leader and begin to fish. If bluefish are in a feeding frenzy you will catch fish until you lose your lure or have enough. Under other conditions you will watch others catch fish after fish and try to explain why you cannot get a touch. Very often it is the presence of your leader. Wire should be reserved for those wild periods when anything will catch fish, and lures are bitten off repeatedly. Under some conditions, particularly clear, calm water, even blues will be put off by the presence of wire. Either use a metal snap at the end of your line (not a snap swivel) or attach the snap to your shock leader. If you want to go a step further, learn to tie a loop knot and connect your heavy mono leader directly to the tin.

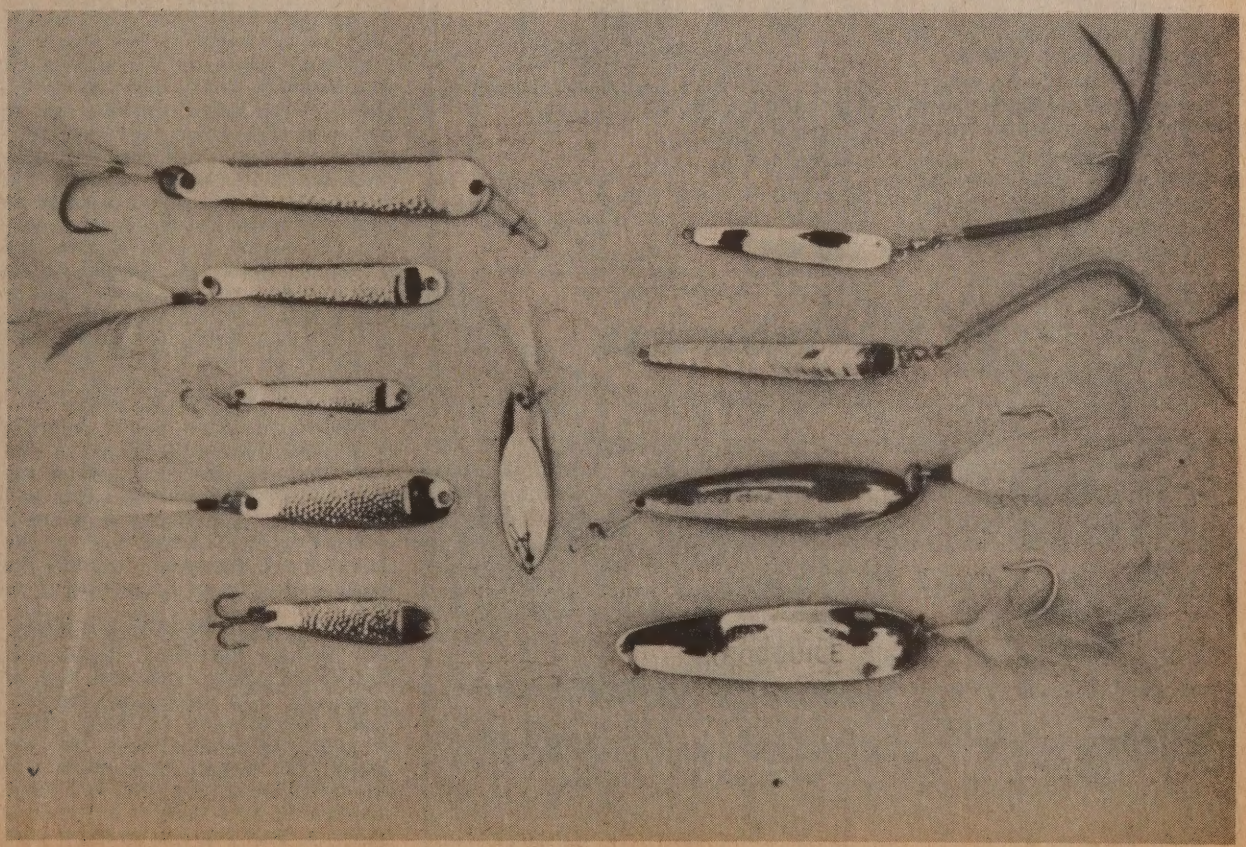
Many years ago I took a friend out to try surf fishing at West End before the jetty was built. There was a sand bar that extended out from the beach at an angle, for at least 100 feet, before dropping off into a channel. Connie had bought one tin at a local shop where the owner had rigged it on a heavy mono leader with a loop knot. I was the experienced surfman with a fine single strand wire leader and a proven tin.

My recent experiences had produced small bluefish and the outer end of the bar had been very productive. The surf was flat but Connie, being new at the game, elected to cast from the beach into the cut between the bar and the shore. By the time I waded to the end of the bar, I heard a yell, and turned to see a small blue being pulled up onto the beach. My adrenalin began to flow, I had the best spot, and proven lure; it was going to be a great morning. Sometime later, another yell called my attention to a small striper being landed. After he had three fish and I had no "luck" at all, a move back to the beach seemed to be in order. It did not help. He finished with a stringer of fish; I did not have a touch. So much for the expert. This past fall a friend hung two big bass near a rocky point on the south side of Montauk while his companions only got blues. He was the only one using 60 lb. mono as a leader and he worked slow and deep.

Attaching the tin directly to mono requires a litle checking in advance. Be sure that the hole in the tin is very smooth. Even brass eyelets can have rough spots that can fray mono. If such are present, use a snap and choose the smallest one that will allow the lure to move freely as it swims on the retrieve. The snap can be any one of the locking types. My own preference is for the black finish, but the silvery type seems to work out just about as well.

Before you attach your tin, you have to consider the situation before you. If it is an inlet, with a strong current running, or the open surf with heavy wave action, you will choose a heavy tin. At times as much as four ounces will be necessary to allow you to reach out a good distance and sink down below the turbulence to the level of the fish, which is often right at the bottom. A good example was the dawn I was whipping a 2 oz. tin to some scattered breaks in a heavy surf. Three or four pound blues were hitting my tin often enough to make me happy. Along came another man with a heavier, larger tin which he allowed to sink to the bottom before

(Continued on next page.)



Flat tins such as the popular Hopkins and Kastmaster, tend to ride higher than keel or diamond shaped models.

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retrieving. He pulled in three stripers in the 20 lb. class, as well as a few blues, while standing right next to me. It is also worth trying the approach of dragging the lure along the sand with an occasional jump off the bottom. This can work particularly well when sand eels are thick.

Gentle surf or flat water usually produces best to the use of lighter tins. A slow steady swim, just off the bottom will work well during the day and often also after dark. Inactive fish in clear water can sometimes be triggered to hit a very rapidly retrieved lure during daylight hours. My favorite jig for the fast pull is a 2 or 3 ounce diamond jig with a single hook. Let it sink to the bottom, and as soon as it touches down, reel it in as fast as you can turn the handle of your reel. Weaks usually respond to the slow retrieves. Blues and bass may react to either one depending upon the day. Flat tins and spoons flutter as they sink, allowing a very erratic retrieve that can stir sluggish fish into action. At times substituting a tube hook for the original equipment on sand eel look-alikes makes a big difference.

We are all fortunate at times to witness a school of fish tearing into bait at the surface. Any tin that is roughly similar to the bait will usually work at such times. After making your cast, let the tin sink for a second or two, then retrieve it at medium speed with occasional flips of the rod tip to make it dart. Do not do what I did once after running down the beach to a school of breaking fish. I cast into the center of the school, and immediately hooked a fish. In less time than it takes to report, my line went slack as some other fish snapped at my line ahead of the leader. Always cast to the edge of a school, particularly if blues are around. Not only did I lose my fish and tin, but the excitement in the middle of the school seemed to spook the other fish and they all left. Another reason to cast around the action and to let your tin sink to the bottom before reeling, is that bass or weaks often feed under the more active blues. Work the lure more slowly if you want to score on these opportunists that are picking up the pieces of the bluefish slaughter.

When waves are rolling in along the open beach always try to cast so that your lure will land just behind the crest of a wave or swell. This will activate your tin instantly, whereas if it lands on the leading edge of the wave, it will be swept towards the beach with little or no motion of its own.

You can use tins in fast currents, slow currents, flat calm or heavy surf, day or night. Reel them slow, fast, or erratically. Run them near the top, near the bottom, or drag them through the sand. Don't get me wrong, you should have plugs and bucktails in your bag also, but these easy casting lures deserve a chance to show you what they can do when used properly.

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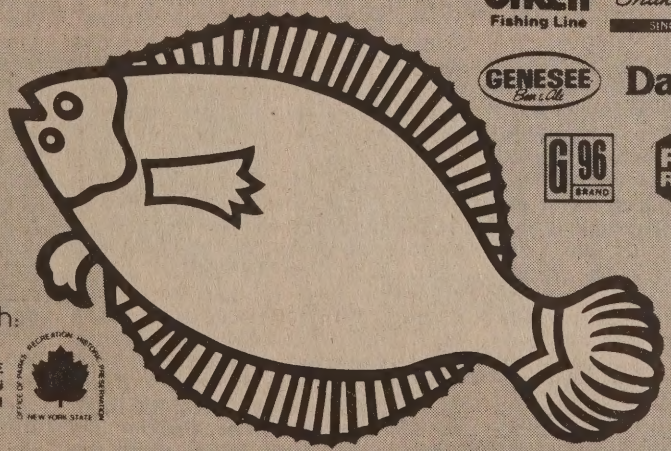

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★ HOW TO SPECIAL ★

CLONE IT!

by Ted Bingham

Every time the insiders of the offshore scene answer the question of "What lure are they hitting?" the color seems to change. If one were to stock the entire arsenal he probably could not afford to put gas in his boat. One solution, which is surprisingly simple, is to create your own. The lure can be tailored to the color and action desired and at a fraction of the cost.

There are many types of lures on the market but the same basic materials are used in most of them. The one covered here is what many offshore enthusiasts heavily depend on, the straight-running, flat nosed lure with the large eyes.

The ingredients are: the mold; casting resin; insert; wood; tubing and lastly, some form of eyes. All of these are readily obtainable at local stores and the specifics of each will be covered with each individual item.

The Mold can be just about any plastic container having the size and shape of the lure head you wish to make. Likely examples would be film canisters, popsicle stick molds that you can steal from your children along with your son's plastic baseball bat, both of which make Green Machine type heads. The example we'll use here is a medicine container from a drug store which the pharmacist parted with for a meager quarter. This mold offers an excellent straight running flat nose lure and allows the use of large eyes. This particular one measures 2.5 inches high and 1.5/8 inner diameter.

The insert is the interior of the lure head that is colored with some type of reflective foil or paint and has eyes making it appear to be a bait fish. This will later be embedded in resin. Making the insert requires shaping a thin strip of wood about a quarter inch thick and 3/4 inch wide. Depending upon the size and shape of the chosen mold, it might have to be tapered toward the nose. When determining the insert size, remember that with the eyes glued on, it should still leave room for it to be completely surrounded by the resin without touching the walls of the container. Instead of using wood a piece of lead could be substituted if a deep swimmer type lure were desired.

The length of the insert will be a quarter inch shorter than the mold. This will allow resin to fill the bottom of the mold and completely encompass the entire mold. Now drill a 3/16 inch hole, exactly centered, through the entire length of the insert. After this is done slide a piece of aquarium air hose tubing (about 80 cents for 4 feet) through the hole and leave about a half inch exposed at each end. this is used for centering the insert in the mold and more importantly, as a chafe guard for the leader material used on the completed lure.

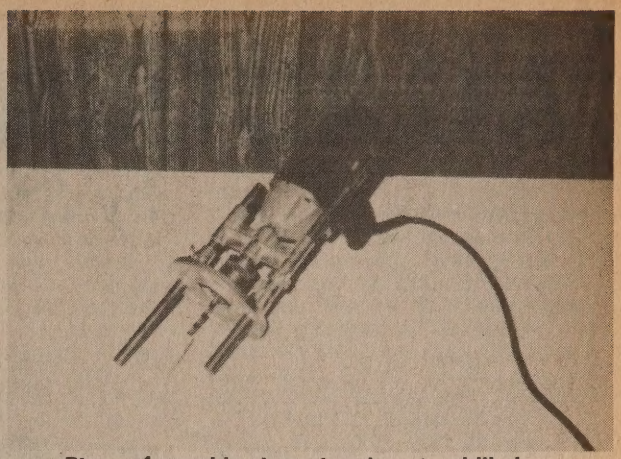
Now the artist in you can go to work. Decorate the insert with mylar or another reflective foil covering the entire surface with whatever colors you choose. Paint is another possibility such as fluorescents, silver, gold or chrome plate paints. If paint is used don't forget you can sprinkle glitter specks on it before it dries to give it some extra sparkle. With the artwork finished the eyes can now be affixed, with five minute epoxy. Place one on each side about a quarter inch from one end. This end will now be called the nose of the lure. There are many types of eyes available including paper stick-ons, buttons, and those I prefer—the kind with the floating black pupil encased in a plastic dome on a white background. Shake them, they rattle and the pupils seem to look around. All these items can be found in hobby and doll stores in both individual and bulk packs with all but the resin for under one dollar.

With the insert completed, molding the lure now begins. The bottom of the mold container probably has a small indentation which should be the exact center of the bottom. Using this mark, or finding the center, drill a 3/16 inch hole so that the tubing protruding from the nose of the insert fits it snugly. Place the insert into the mold, nose down, and force the tube through the hole in the bottom. Don't worry about the other end of the tube, we will cover that later. Position the insert so that it completely clears the sides, bottom and is just below the top of the container. This will allow the whole insert to be embedded in resin without protruding through to the outer surface of the finished lure. Place the prepared mold on a small box and punch a hole so the tube goes in thereby allowing the mold to stand flat.

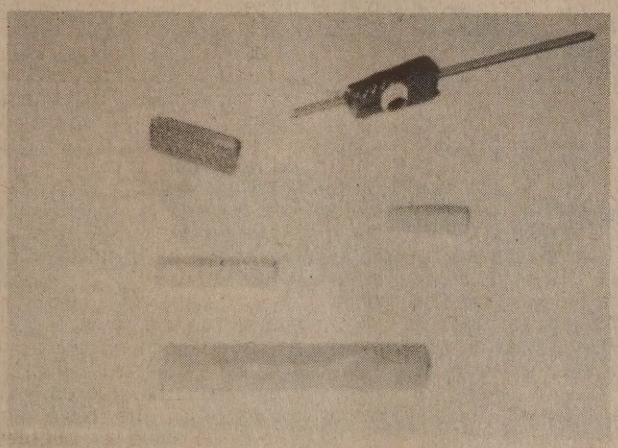
The resin used is called clear casting resin and requires a catalyst in order to produce heat which, in turn, causes it to harden. A word of caution: **read the label** carefully and abide by it. Especially the part about using only in a very well ventilated area. This resin can be tinted, if you choose, with coloring agents also sold in hobby shops. Other resins, obtainable in automotive stores for car body repair work, work well with the exception that their idea of clear appears to be a light amber. The best part of these resins seem to be that the amount of catalyst tends not to be as critical as with the hobby resins. Also they harden in as little as three hours as opposed to six to eight hours for some clear resins. In preparing to cast the mold (no pun intended) first determine the amount of resin needed by filling an identical container with water. Add the catalyst according to the directions on the can. Normally 5 to 7 drops per ounce will suffice. This will also be somewhat dependent upon temperature and humidity as they play a part in the hardening. Be careful not to add too much catalyst as the excess heat generated will cause the finished lure to be cracked. In a separate cup, mix the resin and catalyst slowly to avoid air bubbles. After a complete mixing, pour the resin into the mold. Fill the mold to the top, covering the entire insert. Check the insert and be sure it didn't slide down the tube. If it did, reposition the nose just off the bottom. In order to permanently center the insert, we now place a thin piece of tape over the exposed top tube to hold it straight. Employ the unused portion of resin as a guide to determine when the lure has cured. When completely cured, 6 to 8 hours with some resins, roll the mold in your hands and apply pressure. Shortly, it will begin to separate from the sides of the container. Gently push the tube on the bottom and the lure will pop free leaving a reusable mold. Properly cured, the head exhibits a hard gloss surface requiring no sanding. Notice the illusion—that flat insert now appears to fill the entire head!

Completing the lure head is a matter of personal preference. First a "skirt holder" is needed. This can be done by grinding off an area about a quarter inch wide and 1/16 inch deep at the back of the head. This will allow a skirt to sit in a groove and be flush with the lure body. A small bench grinder makes quick work of this and is the perfect width. Should grinding not be to your liking, go back to making the insert. Attach to the insert, a wooden or resin molded dowel of slightly smaller diameter than the mold container. By embedding part of this dowel, the finished

The materials from bottom to top: Mylar, eyes, glitter, beads, wood, molds, casting resin and paints.

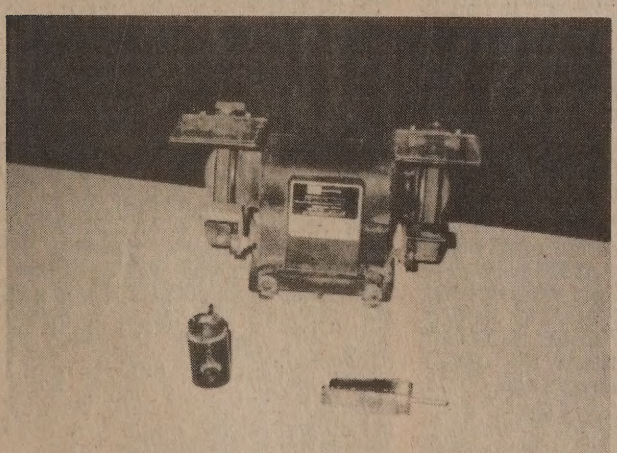


Piece of wood is shaped and center drilled.

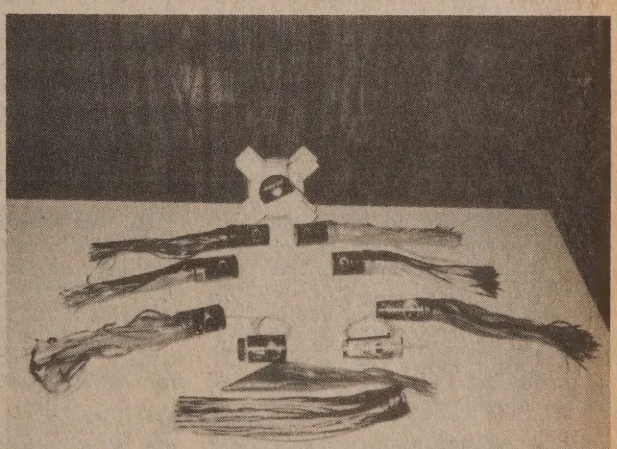


Next, it is colored, decorated with mylar or paint and eyes and then the tube is inserted.

The insert is placed in the mold, resin is mixed and poured and the tube centered with tape.



The cured lure head is given a "skirt holder" by grinding the rear of the head.



The finished products fitted with skirts, leaders and hooks.

lure will have a skirt holder already attached to it.

The shape of the head determines the action of the lure. Left the way it is, the flat nose will produce a straight running lure that creates a long stream of bubbles. Should an action packed lure be desired, cut the nose on a 15 degree angle and file out a concave scoop. This produces a back and forth, up and down motion creating a large commotion in the boat's wake.

Just about any type head desired can be either built into a mold or shaped out of a finished lure. Jet heads simply require a few extra holes in the front, Green Machines, a pointy mold (remember the popsicle mold?). One more idea would be to mold a clear thin insert with a hole in it for a light stick. This is where fluorescents would excel. Your own ingenuity is the only boundary and don't limit it to the large offshore lures. Feathers and bucktails need heads too.

A final touch is the skirt itself. These can be made from various colored pieces of vinyl cut into strips or regular lure skirts are available at most local tackle shops.

The total cost of a completed lure head will be about one dollar plus the skirt price. The best part is you made it and it works.

ATLANTIC ADVENTURE

by Stu Miller

Huddled around a pot of coffee one night in the living room of boatbuilder Al Grover's home in Freeport, I was bound and determined to evoke from Al why and how, at age 58, when he should be slowing down and taking it easy, he had decided to make an extremely dangerous crossing of the Atlantic Ocean in a 26 foot, outboard powered boat. The trip had been made in August, 1985, running from Newfoundland to Portugal, a trip of 2216 nautical miles in the 26 foot skiff he builds and sells at his Freeport shop on Woodcleft Avenue. The crew consisted of Al, Al Jr., age 29 and on the final leg, from the Azores to Portugal, son Dante. Mrs. Grover sweated it out from home, cheering them on whenever possible, via single sideband radio link-up.

Long Island Fisherman: Al, why did you make this trip? What motivated it?

Al Grover: *keep asking myself that. It's hard to pinpoint. It was mostly a desire to do something to be psyched up about, to have something to be excited about in the planning and doing, to give me enthusiasm and excitement, to pick me out of a slump. Have you hit 50 yet?*

LIF: Not quite yet.

AG: *I'm 58 and going to the shop for 35 years was getting me in a mental slump. I figured a never before attempted trip like this would get me "excited" again. Thinking about this really psyched me up. So I think I did this really to keep my spirits up; to give me something to shoot for. Also, I wanted to prove that the boat we build is an able boat. I've always had a lot of confidence in it and in the storms we endured, she proved extremely able.*

LIF: Why did you choose outboards rather than your regular diesel installation?

AG: *We wanted to do something that would be a record, 'cause hopefully we'd get more publicity from it and eventually we'd get more interest and orders for the boat for setting some kind of world record. A 23 foot inboard diesel crossed the ocean from Norway several years ago, as did a couple of other inboard boats nearly our size. Since it wouldn't be breaking into the Guinness Book of Records and wouldn't get the same exposure if we did it with diesel...we'd just be another small boat making the crossing. Since we've been Evinrude dealers for over 30 years, they were "a little interested" in helping us. We couldn't find a record of any unassisted outboard crossing of the Atlantic going back to '58, when Jim Wynn crossed (though not alone and unassisted) using a pair of Johnsons. Jim was accompanied by a large freighter which carried their supplies, fuel and actually LIFTED them out of the water and put them on deck several times when the ocean got really rough. Jim told me three years ago he would never do it again. 'No way!' was how he put it. I asked him when he was lifted up onto the ship, 'were you just tired, or really in trouble?' He said, 'Al, we couldn't have survived.' The weather was that bad. Another transatlantic attempt was made by a Doc McGoon a couple of years ago, but his boat broke up and of course, he didn't make it. So, this is what we shot for: a completely unassisted transatlantic crossing (no fuel or rescue ships) with outboards. We wanted to establish a record with the outboards that would be truly a 'first.' And the three completely independent outboards gave us a 3 to 1 safety margin over a single diesel. Repairs could also be easily done on the outboards that would have been impossible on an inboard. The hand starting ability was also a safety factor. You could run, even if all your batteries were dead. Also, spare parts would have been easy to change, if necessary. On the 9.9 hp, at 5 knots, we got 5 hours out of a three gallon can—that's 3/4 gallons per hour, which came out to 7 MPG in a calm sea. The 65 hp motors ran at 3000 revs, our most efficient speed, at 2 GPH, giving 7 to 8 knots. We never ran more than one engine at a time, with the others tilted up to reduce drag. The 65s had alternators that kept the batteries charged. The outboards had*

a lot of advantages, as you can see and they were very dependable. The only parts we had to change on the whole crossing were the spark plugs and that was basically due to the fuel we had to pick up in Newfoundland. The engines performed perfectly, despite the fact that we'd shut them down for periods as long as two days in really rough seas, and they'd be completely submerged as we rode out the weather. They invariably went right off though, when you turned the key. Those were the moments of truth. (The boat's power came from twin 65s and a 9.9, all Evinrude.)

LIF: Why did you choose 65s? Was it for economy of operation?

***AG:** Evinrude felt the 65 hp in-line 3-cylinder was the most economical and the toughest powerplant in their small engine lineup.*

LIF: What special modifications were made on the engines?

***AG:** They were stock engines, but Evinrude did make special shrouds that were 100 percent watertight. Air was breathed through a snorkel, a heavy, reinforced flexible hose four inches in diameter, which ran from the shroud on the engine into the stern deck, so it was breathing in air from under the cockpit. This also gave a good ventilation flow of air from the gas tank area. There were also small pumps in the engine shrouds to eject any water that might sneak in. These ran integral with the pumping system of the engine. We also used a larger than usual prop that kept the revs down and made it more economical for this particular journey. All the props were stainless steel and cupped. We used 18 individual 36 gal. aluminum saddle tanks. Each was fully grounded and vented. Each tank had a separate outboard hose and primer bulb, with each primer bulb ending up in the pilot house. When we were sealed in during rough weather, we coudn't get out because water would be breaking over the boat and we had to be able to feed fuel to the engine without going out. The tanks had built-in gauges, but we couldn't read them, so we'd try to switch tanks just before they ran dry. Fuel was fed through 2 Raycor filters to take out any water or sediment. It was better to stop water or dirt in the cabin than have to go back to the engines, which sometimes would be impossible. We used four Gould Stowaway batteries, hooked up with parallel switches and three way switches. These batteries will not leak any acid even if turned upside down. They're not vented. We also had a fifth battery, completely isolated, as a spare.*

LIF: How did you feel about this potential gasoline bomb you were sitting on?

***AG:** Well, with our diesel, there's almost no chance of an explosion. We knew gas could be a big problem. There were always gas fumes on the boat. We worried about a spark or static electricity, but we were lucky. Of course, we carried no matches or lighters as a safety measure.*

LIF: Anything happen that you didn't anticipate?

***AG:** A constant problem was having so much electronics on the boat and having to watch the volt meter go down, down, down (*Ed: showing the amount of stored, available electrical power to use the equipment.) *and having to use the 9.9 p motor with such a small alternator that only charged at 4 amps. It got to the point where the batteries were so low that the electronics wouldn't work. We just hadn't anticipated that. We never planned to use the little engine so much, but ended up using it about 50 percent of the time, because we were so low on fuel. It was taken aboard at the last minute as an afterthought.*

LIF: What electronics did you have? And what about safety equipment?

***AG:** We had a 1200 Raytheon Radar, Raytheon Sat-Nav, 2 Lorans, an autopilot, an Icom SSB radio, 2 EPIRBs plus another EPIRB in the life raft. All ships stand by on VHF Ch 16 and many times we navigated via confirmed positions from other ships we sighted. This way we could correct our position when the Loran signals gave out. We used heavy lifelines with safety harnesses, strung from the forward mast up over the pilot house to the stern mast. Al, Jr. and I swore to each other that neither of us would go up on deck or leave the pilot house unless the other was awake and tending his safety line. I did fall overboard early in the trip going back to the engines and Al was awake at the time. Remember, you couldn't see aft in the boat—everything was covered. The only way you could see aft was by sticking your head out the cabin hatch. He did that, and came back and picked me up. Our life raft was a 4-man Tull, in a cannister mounted on deck. It contained food and water and its own EPIRB. We had 2 Narwhale survival suits, but they were so bulky, we didn't wear them. We would have put them on if we felt we were in imminent danger of definitely going over. In the Newfoundland waters where we started out, you wouldn't last very long in the water without a survival suit. We had flares, life jackets. There were stainless steel railings all around the boat. That was about it for the safety equipment.*

LIF: What did you take along for food and drink?

***AG:** Small cardboard boxes of different juices, in apple, orange and pineapple, which don't require refrigeration and very little water. We had one meal a day; space age menus packed in aluminum foil—about 10 different types. We didn't allow ourselves to have any matches, what with the gas fumes all around. Since we could not have a stove, we heated the food with a chemical called a Zest-O-Pack, which is a heat energy pack. You add water, salt or fresh, to this chemical which is in a plastic pouch and the water would begin to boil. Then you put in the foil-enclosed dinner and in 10 minutes, the food would be red hot. We'd have oatmeal in the morning and maybe one meal at night. We took vitamins and small candy and fruit bars. But basically we seldom had any sort of appetite. We had four 6 gal. jugs of fresh water to boot.*

LIF: How long did the whole trip take?

***AG:** The total length of the trip from Nova Scotia to Europe was 33 days. We left from Pictu, Nova Scotia, ran its coast and the coast of Newfoundland and the hit St. Pierre Island, where we topped off on fuel and supplies. We left there Aug. 1st. Twenty days later, we hit Flores, the first island in the Azores, then the islands of Feo and San Miguel. The final hop put us in Lisbon, Portugal, our final destination.*

LIF: What was the hairiest, scariest part of the crossing?

***AG:** On the Grand Banks, coming out of St. Pierre, our hope was to head E/S/E. The first night out, at about 8PM, they changed the weather forecast to full gale on the Grand Banks. We were in shoals of 3 to 20 fathoms, with the deeps all around the banks. The seas would break on these banks and they were very short, nasty, steep breaking seas. We got hit with that gale the first night and for a full 36 hours, with winds of 50 knots. Seas were 15 to 20 feet. You'd ride up the top of one, then drop like a boulder into the 20 foot hole behind it. Thirty-six hours of that. And at night, with the sky and ocean pitch black, the only light the dim red glow of the instruments, we were just being thrown up and down with no points of reference. It was a nightmare, and I really didn't think we were going to come through it. (*In a separate conversation with Al Jr., he said "My father asked me if there was anything I wanted to tell him or say to him, because he didn't think we were going to live through the gale.") *We were full of fuel with 615 gallons plus supplies. We were very heavy. The storm blew us south for about 18 hours. Then we had 2 good days and came into another gale which took us south. The banks were full of fishing boats, big draggers, lots of fog and a few icebergs. But the worst of all were the breaking seas. We continued south until we got over that 100 fathom curve and finally got off the Banks. Then we were finally able to head east. So, the two storms on the Grand Banks were the worst times we had. When we hit Hurricane Claudette later, we were in very deep water. We had very big seas (8 meters), but they were very far apart and not really breaking. These were easier to handle, even though the winds were around 85 mph.*

LIF: Can you describe Hurricane Claudette, the big blow you ran into off the Azores?

***AG:** The closer we got to Flores in the Azores, the worse Claudette hit us. The storm lasted for three days. As the seas built up and it really began to blow, we again killed power and could only drift. In the daytime,*

(Continued on next page.)

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the sky was very dark and would periodically break into squalls and drop buckets of rain from the thick black clouds. From the bottom of the troughs, we looked up at waves towering some 25 feet with five feet of foam on top that would come tumbling down, hissing and roaring, and wash over the boat. The sound of these steamrollers was pretty scary. if we opened the pilothouse hatch for a little air, we'd get soaked. The wind howled to almost 65 MPH with gusts of 70, whipping the antennas violently against each other. Worst of all were the occasional 'confused waves' that would slam into us broadside without warning. They'd hit with an incredible jolt that sounded like a gun going off, and toss us up on beam's end. I wondered how much more of this she could take.

LIF: Can you tell us more about the "swim" you took?

AG: *Well, that was pretty stupid. I was overconfident and without a safety harness on, I went aft to tip down the 9.9 motor which was on a tilting, locked bracket. The bracket has a release that I wasn't familiar with. As I threw my weight against the bracket to make it release and go down, I unwittingly did release the catch just before I shoved forward. The bracket and motor went down and I flipped over the stern of the boat. I lost my cap and my glasses. As I was fully clothed, I couldn't swim fast. I had no life jacket on either. Al Jr. stopped the boat. Trying not to panic, I swam like crazy for about 30 to 40 feet and got back on. It was then that we decided that a man would only get out on deck if he had a safety line on and the other man was watching. We all, I think, get a little cocky when we've been out on the water too long; we think 'it can't happen to me.' Well, it nearly did happen to me. Good thing this didn't happen at night or in the cold water of the Grand Banks.*

LIF: Did you ever lose power from the engines on the trip?

AG: *No engine failure. We did shut them down when it didn't make sense to run them any more (in the storms).*

LIF: Was there ever a time when you'd wished that you never started this whole thing?

AG: *The first night on the Grand Banks we seemed to be getting more than we ever expected. We both thought we'd like to go back, but we couldn't. We would have had to go across the current and against the winds, and with minimum power and with the storms coming out of the northeast, to head back north to hit Newfoundland, it would have been almost impossible. Even after the second storm if there was a way to head back, I think we would have done it. But you couldn't make headway into the wind and seas. You couldn't keep the engines in the water and it would have been too much of a beating. We drifted with the wind, engines down, acting as a sea anchor in the storms, stern to the wind, with a small tri-sail on the bow mast. This would put the*

least strain on the boat, because you're running away from the waves as they break, not fighting to climb them, then falling into the trough. We had 15 to 20 foot seas on the Grand Banks, very short and very much inclined to break. It was scary, in plain English.

LIF: What special preparations were made on the boat itself for the trip?

AG: *It was our 26 footer, and we'd done some extra foaming on it. The first 4 feet were completely foamed with a collision bulkhead behind it. The cabin was lowered to catch less wind, so we didn't even have full seating headroom. This also kept our center of gravity lower. We usually use safety glass in the windows, but in the transatlantic, we used Lexan, which was unbreakable. We also had Lexan side panels and rear panels, so the pilot house was completely watertight. The hatch we had overhead in the wheelhouse was water-tight. Many times, we had to batten her down like a submarine. She wouldn't take any water, but it wasn't very comfortable. We got black and blue all over from banging around the pilot house. Next big trip, if I'd ever make one, I'll add some comfort, like a very comfortable pilot's seat with plenty of upholstery and at least one place to sleep in comfort and security. In extreme seas, you get battered from many and any directions. Definitely, padding and comfort would be a priority item. Too much punishment and you kind of lose your interest to go on. The rear deck was completely closed over with 3/4 inch plywood and under that was our fuel. On top of the plywood were 2 big collapsible 150 gal. rubberized fuel tanks filled with air for more flotation in case of a rollover (my wife's idea). These were lashed down and a big tarp was lashed over it all. Also, when big waves broke over the stern, the air bags absorbed the shock and the tarp shed the water. We had three bilge pumps and a hand pump, and we used them all.*

LIF: How did the hull and engines make it by trip's end?

AG: *No damage of any kind to the engines or the boat.*

LIF: How had you planned to navigate on the trip?

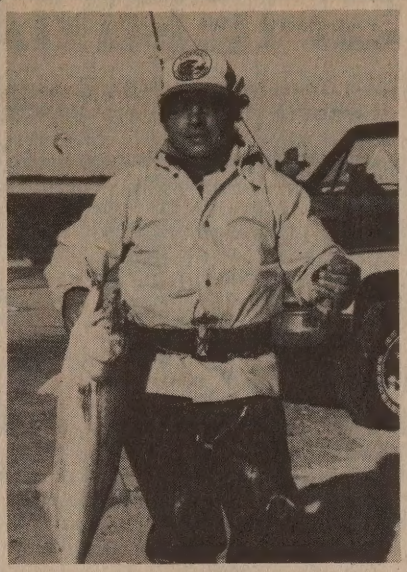
AG: *With loran. We had 2 of them, even though I knew the signals would get weaker and finally disappear once we got way off. So I also put on a Raytheon Sat-Nav. It gave us a fix every 3 to 4 hours until we didn't have enough power in the batteries to keep it going. A sextant would have helped if we had brought one. On the nights without moon or stars we had to use dead reckoning. We also got several fixes from passing ships.*

LIF: How did your fuel supply hold out?

AG: *We had about 50 gallons left when we hit the Azores.*

LIF: Would you do this trip again?

AG: *No, I don't think I'd make this trip again. I don't think my wife would stand for it.*



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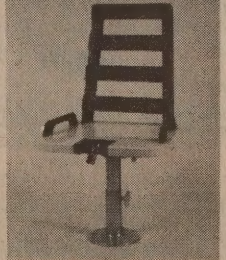

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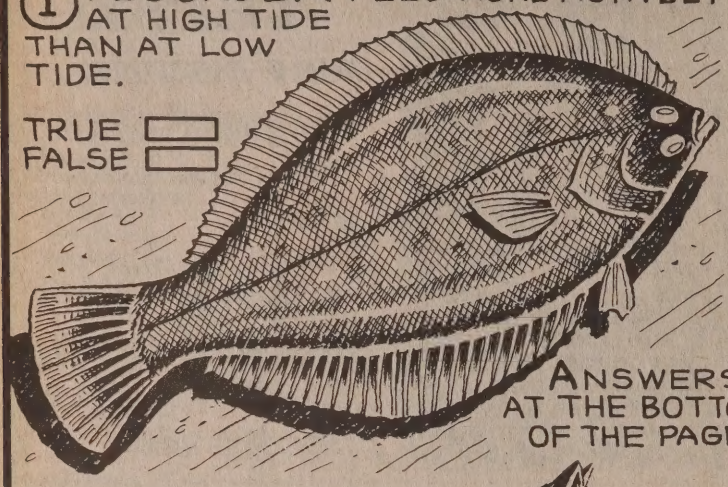
THE FISHERMAN QUIZ

(1) FLOUNDER FEED MORE ACTIVELY AT HIGH TIDE THAN AT LOW TIDE.

TRUE ☐
FALSE ☐



ANSWERS AT THE BOTTOM OF THE PAGE.

(2) YOU CAN KILL AND DESLIME A PAIL OF LIVE EELS IN A COUPLE OF HOURS BY - - - - - - - - - -

BY FRED GUARDINEER

(3) CROSS FOXES ARE THE RESULT OF MATING BETWEEN RED AND GRAY FOXES.

TRUE ☐
FALSE ☐

(4) THIS SHARK WITH NO NATURAL ENEMIES HAS BEEN DECIMATED AND NEARLY WIPED OUT BY OVERFISHING, BOTH COMMERCIAL AND SPORT...

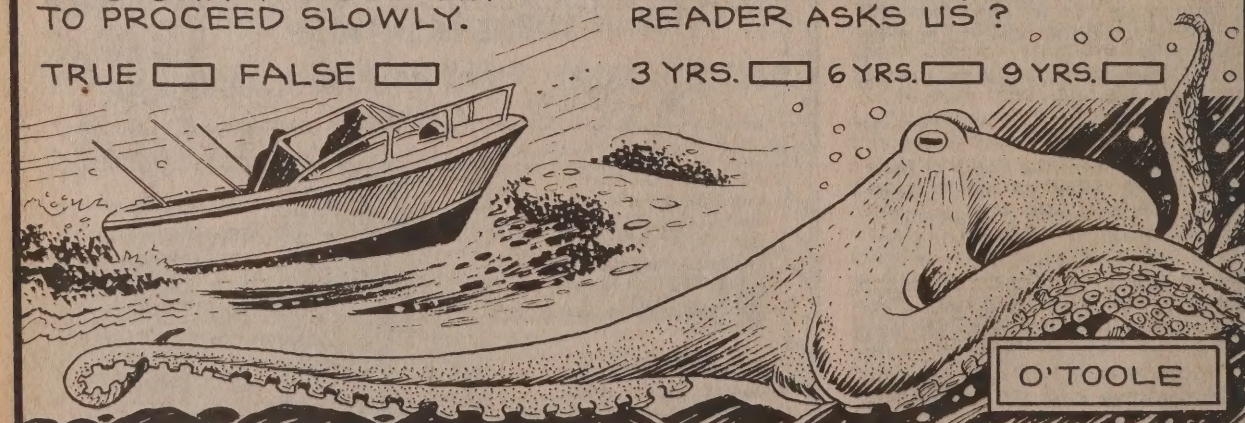
...IT IS A
BROWN ☐
DUSKY ☐
PORBEAGLE ☐

(5) WHEN HEADING INTO A STORM IT IS USUALLY WISE TO PROCEED SLOWLY.

TRUE ☐ FALSE ☐

(6) HOW LONG IS A GIANT OCTOPUS KNOWN TO LIVE, A "*FISHERMAN*" READER ASKS US ?

3 YRS. ☐ 6 YRS. ☐ 9 YRS. ☐



O'TOOLE

1-TRUE. 2-POURING A POUND OF SALT ON THEM IN A WATERLESS BUCKET.
3-FALSE. A CROSS FOX IS MERELY A COLOR PHASE OF THE RED FOX. 4-PORBEAGLE.
5-TRUE. TO PERMIT THE BOW TO RISE WITH EACH ONCOMING WAVE.
6-O'TOOLE. A GIANT OCTOPUS RAISED FROM ITS LARVAL FORM IN THE SEATTLE ACQUARIUM DIED OF OLD AGE WHEN THREE YEARS OLD.

East End REPORT

with Mrs. Lorry Mangan

Fishing activity has been as fickle as the spring weather, with good but sporadic catches of flounder in the Quogue area and stirrings in the Shinnecock Canal. Best bet for cod remains on or near Cox's Ledge.

MONTAUK

Although fresh clam bait was bought at **Montauk Marine Basin** for an exploratory trip for flounder in the Lake, the anglers did not report back with the results of their trip. According to Joan, at the **Marine Basin**, inshore cod catches remain rather poor, with most activity noted by commercial fishermen using setlines.

Charlotte Uihlein stated that a few skiffs are available for earlybird flounder fishermen. **Uihlein's Boat Rentals** will be in full operation the end of the month. Call before going to reserve a boat.

A talk with Captain Paul Forsberg of the **Viking Starship** revealed that the cod are numerous and large at Cox's Ledge with the catch completely dependent upon sea conditions. Last Monday, March tenth, over two hundred fish, all cod, were caught by thirty-five anglers. The mates were busy filletting during the entire trip home and for an hour at the dock. However, in Saturday's very bad seas, twelve feet or more with a bad heave, fifty anglers picked away at thirty cod. Sunday found the ocean bottom so disturbed from the major storm that even the bergalls didn't bite until late in the afternoon resulting in a total catch of about fifty fish for one hundred fares. A reminder that the **Viking**'s Captains Choice offshore trip scheduled for the end of the month is almost totally booked. A quick call may reserve one of the few remaining spots.

SOUTH FORK

Fishing has not yet reached anticipated catches, nor have they rivalled last year's at the Shinnecock Canal. During good weather this past week, better anglers managed about a half dozen fish with the average catch zero to two, despite hundreds of hooks lining every inch of canal bottom. Most fish are small to some of about one pound.

Good catches were made in the Quogue Canal from both boat and shore, but the fish are on the move and have to be searched out. Anglers lined the shoreline over the weekend, despite parking problems. The fish apparently are on the move, numerous and big. The only certainty is that they are appearing in a different area each day. For instance, last Wednesday, Fred Holt and his friend Patrick located seventy-eight nice size flounder fishing west of Bouy 7A (off the golf course). On Saturday, the pair located a good catch of fish further west in six feet of water, past the bridge in the narrowest part of the canal. Shorebound anglers caught flounder in side boat slips. By Sunday the flounder were located further west. Guy Maio and Matt Hazan found sixty flounder ranging from half to just over a pound in a deep, thirty foot, hole west of Bouy 54. Jim Markee and friend found the area to the east slow, but found a bonanza (35 flounder in half hour) fishing near day marker number one, near the blue/white pole. Jim only kept fish measuring eleven inches or better, with one going eighteen inches.

Speculations are that the fish will be both in Moriches and Shinnecock Bays by this weekend.

Captain Artie Lach called to tell us that the **Sag Harbor** based **Wilhelric II** will begin flounder fishing 7 a.m. March 28th, and will fish daily except for Easter. As I was speaking to Captain Lach, he reported the angling progress of a youngster fishing on the southwest end of the Shinnecock Canal, four flounder during our ten minute conversation on Monday morning.

South Shore REPORT

with Fred Golofaro

Despite losing Saturday to the wind gods, Sunday provided ample evidence that we do indeed have a flounder season underway. Fair to good fishing occured in Great South Bay, while Moriches anglers found most of their action in the confines of the Quogue Canal.

MORICHES BAY & INLET

From **Silly Lily Fishing Station** in **East Moriches**, Gary Grunseich wrote off Saturday as blow out. On Sunday however, a dozen rental skiffs returned to the station with 30 to 50 flatties

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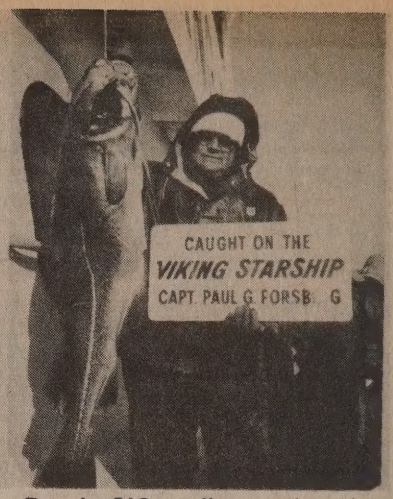

Dennis O'Connell earned pool honors aboard the "Viking Starship" with this 43 lb. cod taken back on March 3rd.

per boat. Nearly all did their fishing in the Buoy 52-54 area (1st Bridge) of the Quogue Canal. The fish range from ¾ to 1½ pounds with some throwbacks mixed in. Fred Mulcahey put away 50 keepers. Gary reminded that he has worms, mussels and mussel chum in good supply and that the station is now in full swing.

Larry Byckman speaking from his **Las Brisas Fishing Station** (formerly Hi-Way Fishing Station) in **East Moriches** said that a good number of his pink painted fleet zeroed in on the Quogue Canal on Sunday. Most enjoyed fair to good action with the flatties. Jack Schaeffer and Tom Norman counted 44 keepers for their efforts near Buoy 50 on Sunday. Tom Lendino and Jim Weaver snuck away from the main fleet in the Canal and put away 39 keepers near Buoy 29 in Hart's Cove. They used blood and sandworms and clam chum. A private boat from the Marina took advantage of Sunday's calm weather to run out to 90' of water south, southeast of Moriches Inlet. Don Thompson, Jack Johnson and Bob Ingram accounted for 20 cod in the 10 to 15 pound range.

GREAT SOUTH BAY/ FIRE ISLAND INLET

Flounder fishing came to life at the local docks this weekend according to Paul Graniello of **J & J Tackle** in **Patchogue**. While it is far from a great run of fish, most anglers managed to pick a couple of flatties apiece. He named the Blue Point docks as producing on both Saturday and Sunday with one guy putting 6 flatties in his bucket. Walter Touhy weighed in a 1.4 pound flounder that he took from the Patchogue Docks. He had a couple of smaller fish as well. All of the action has been on worms. Despite Saturday's wind, Tony Lopiccolo managed

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to cull 30 keepers from the Quogue Canal. Paul reported lots of fishing activity on the weekend with second hand reports of decent fishing coming from the Heckscher Park area and south of Sayville. Paul has plenty of fresh mussels, bloodworms, sandworms and nightcrawlers in stock for flounder and trout fans.

At **J & R Sports Center** in **Oakdale**, Al Colban reported that he, Billy Weimann and Joe Herricks used mussel chum and worm and mussel bait to put away 36 nice flatties on Sunday. They worked opposite Good Samaratin Hospital in West Islip and also took some fish in the State Channel near Cedar Beach. Al reported a few flounder now being picked from Bay Shore Marina and from the West Avenue Dock in Sayville. For surfmen, still reports of plenty of small bass being taken at the Lilco outflow in Northport. A reminder that all of these fish must be released.

Peter Jakits and Frank McNally teamed aboard the latter's "Therapy" on Saturday and Sunday. Catching just the last two hours of Saturday's incoming water after the winds had abated, the two put away 37 big flatties. Previous commitments forced the pair to work the first couple of hours of incoming on Sunday where they managed 27 nice flatties. Fishing was done in the vicinity of Buoy 2, East Islip. Plenty of clam chum and stirring the bottom helped their score. Clams and worms both clicked in the

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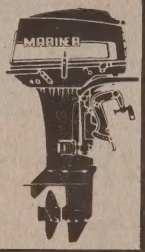

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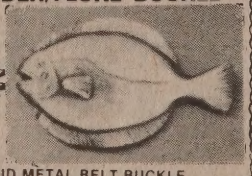

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bait department.

Eight fares managed a nice catch of flatties during Friday's torrential rains aboard Capt. Neil Delanoy's Bay Shore based **Laura Lee**. Dan Bosmann of East Islip was hi-hook with 30 flatties. Under ideal weather conditions on Sunday, 43 anglers managed less than 200 flatties despite frequent moves. Dan was once again hi-hook, this time with a dozen fish. The pool fish was a 1¾ pound flattie. Highlights of this trip can be viewed on Lorry Mangan's new fishing report telecast being broadcast on UHF channel 55. It is scheduled to be shown this Friday night at 7PM.

Bobby Sprenger of **Captree Bait and Tackle** spoke of a decent pick of flounder from the Jones Beach Piers this week. Also a few flatties coming from the Oak Beach and Cedar Beach shore bordering the State Channel. As for the Captree flounder fleet, most boats have been working opposite Heckscher State Park and points east with fair to good results on most days.

Capt. Rod Westerlind of the **Captree** open boat **Capt. Rod** reported the first good showing of flatties during the week. Saturday's gale resulted in a pick of smaller fish. He labelled Sunday's action as picky but with some very nice sized fish being taken opposite Sailor's Haven and the Cherry Grove bar. Clams, worms and mussel baits have all been effective.

Capt. Charlie Kennedy of the **Captree** open boat **Capt. Joseph II** said that fishing was not great in Saturday's gale force winds which at times approached 50 mph, but it was not a total loss either. Ten fares accounted for nearly 100 flatties in the wind. Sunday saw a fair pick of fish to the east along the Blue Point line opposite Sayville. He figured two dozen fares accounted for approximately 250 flatties with hi-hook accounting for 24 keepers. All baits seemed to work well with some of the better action occuring on the last part of outgoing water.

Capt. Gordon Roman of the **Captree Queen II** said that fares managed 8 to 10 keepers per man despite all of Saturday's wind. Sunday saw catches of 10-15 flatties per man with fish running up to 1¾ pounds but mixed size fish making up the catches. Gordon has been working between Heckscher and Sayville and reported best action during the running tide. Worms, clams and mussels all work.

Capt. Carl Passero of the open boat **Miss Captree** reported decent to good action most days with average catches ranging 10 to 15 fish per man. Last Wednesday, Sol Gruber put away 30 flatties including a 1¾ pound pool fish. Five fares accounted for 134 flatties for the day. Barry Nathan put away 28. Norbet Freitag had 26 and Gene Barsh had 23. Saturday got off to a slow start due to the strong winds but finished okay with a nice pick of fish at Sailor's Haven. Mike Freid led the way with 18 flatties in-

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cluding a 1¾ pound pool fish. The same angler returned on Sunday to take 15 fish to a pound and a half. Sonny Angelica and two friends put away 36 keepers between them. The skipper labelled Sunday as a fair pick and thought that the Ebb Tide has had the edge. Both worms and mussels working equally well in the bait department.

Capt. George Tweedy of the **Captree** open boat **Capt. Scotty 3** said that flounder scores this week ranged mostly between 10 and 20 flatties per man with a few fish in the 1½ to 2 pound range mixed in with the smaller fish. Fishing is being done in the Heckscher area with worms, clams and mussels all working.

Capt. Ralph Green of the **Babylon** based open boat **Miss Babylon** reported some good but sporadic action this week with a good percentage of fish between 1 and 2 pounds being taken on the north side of the bay between Bay Shore and Heckscher.

Over at **Augie's Tackle Shop** in **Babylon**, Tom Healy reported that many eager flounder fans were thwarted by Saturday's gusty winds but that Sunday provided the first good sampling of flatfish action for local boatmen. Gaspar Garaputo teamed with friends Tom and Louie to fill a bucket with more than 30 nice flatties taken on the flats opposite Bay Shore. They used mussel bait and chum and stirred the bottom. Bob Schwartz and his son Paul aboard

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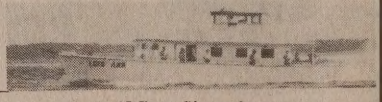

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"Prides Pup" worked buoy 2 East Islip to the tune of 25 keepers. Tom heard that the crew aboard Doc Grell's **Babylon** charter boat **Moby Dick** put away a very good catch of flatties on Sunday working between Bay Shore and East Islip. Babylon Tuna Club member Al Kaich had the biggest, a 1.13 pound flattie.

From **Z Crab Tackle** in **Copiague**, Chester Shew reported some decent flounder scores being made at Massapequa Cove and at the Copiague Hole on bloodworms, clams and mussels. Both mussel and corn chum have been effective as well. Just prior to speaking on Monday morning, one customer stopped to show Chester 19 nice flatties taken from Massapequa Cove during the early morning.

Speaking from **Edelman's** in **Farmingdale**, Frank Pristera told of Bob Santiago who treked out to the Buoy 7A area of the Quogue Canal. He put away 65 flatties there on Wednesday. In Friday's rain, Bruce Hastings and a friend fished the same 32' hole and counted 80 flatties for their efforts. Closer to home, Ray Boucher culled 45 nice flounder from the Bay Shore flats earlier in the week. Frank told of mixed results over the weekend with Saturday's wind blowing out most private boat owners and its effect reducing Sunday's catches.

West End REPORT
with Stu Miller

We have finally hit a warming trend and the flounder have been starting their nibbling act just about all over the local bays and main channels. Although the fishing has not been super hot yet, there's a most definite improvement in action just about everywhere with a few spots yielding some very good catches.

WEST END BAYS/ JONES INLET

A call to **Wanser's Tackle** in Seaford brought forth the information that mostly the deeper holes around the 3rd Wantagh Bridge and around the piers have been producing best for customers. Lon says he has all bait and chum in, and is raring to go for the season.

Over at **Capt. Eddie's Fishing Station**, also in Seaford, owner Art Wright said that on Thursday, Friday and Saturday several rentals went out and had 25 to 40 flounder per boat. One skiff returned Sunday with 48

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flatties. Best action has been on the east side of Massapequa Cove, fish of mixed sizes. A falling tide has been producing best, said Art on worm, mussel and clam.

We hear from Mike at **Causeway Bait and Tackle** in Wantagh that on Monday John Duckboat hoisted 22 flatties to 1¼ lbs. fishing Massapequa Cove with mussel and night crawler bait, heavy on the chum. On Saturday Al Berotti and Joe Staudt gathered 12 flounder to 1 lb. 10 oz. fishing the south side of Four Corners with mussels. Twenty fish were the score for Brad Heenan fishing Shinnecock Canal, fish to 1½ lbs. on bloods. Sunday morning at the Jones Beach piers was fair with the best catch being 8 flounder, mussels working best and fish running 3/4 to 1½ lbs. Al Cullen and Frank Lobmeier filled three 5 gal. pails with flounder up to 1¾ lbs. fishing the Massapequa area on mussels and a lot of chum.

Moving over to Bellmore, the word from **Merrick Tackle** is that flounder catches have started nicely in the local bays, mainly at Rowboat Alley and off the golf course in east bay. Scott stressed that only some fish were caught, but it was definitely a start. Customers were fishing worm, mussel and clam bait, heavy on the chum.

Word from **Garan's Tackle** in Merrick is also telling of customers' reports concerning flounder starting in the back bays. Mussel and blood worms have been working best, with mussel chum a decided booster.

Captain Richie Kessinger of the Freeport open boa **Starstream II** says that he's still in the middle of a big maintenance and beautification on his big aluminum super cruiser and that he will resume sailing again hopefully at the beginning of April. Stay tuned.

A call from Captain Mike Dannon of the **Captain Lou Fleet** told of improved floundering all week. High hook Tuesday was 20 flounder for Bob Shank. Saturday's high hook was in the low 20s, while Sunday saw a nice flounder catch for the boat, over 300 flounder up to 2 lbs., caught by hitting various spots all over the bay and channels. Red clam and mussel bait were best, said Mike. He also noted that the boat's flounder derby is up to $375.

Slightly to the south in Point Lookout, Captain Al Lindroth's **Capt. Al** had some red hot floundering in Massapequa Cove, fish from 3/4 to 1¾ lbs. The cove is definitely one of Al's favorite spring honey holes. He will be coaxing flatties daily at 7AM, full day trips only. Al says he promises not to crowd the boat.

A call from **Ed's Fishing Station** told of some nice early catches in Reynolds over the weekend for a couple of his rental skiffs. Bloodworms were the hot bait. Best catches were made in the area west of the Pt. Lookout bridge.

A call from the **Miss Point Lookout** told of a few flounder caught Saturday afternoon, the slowness being due to

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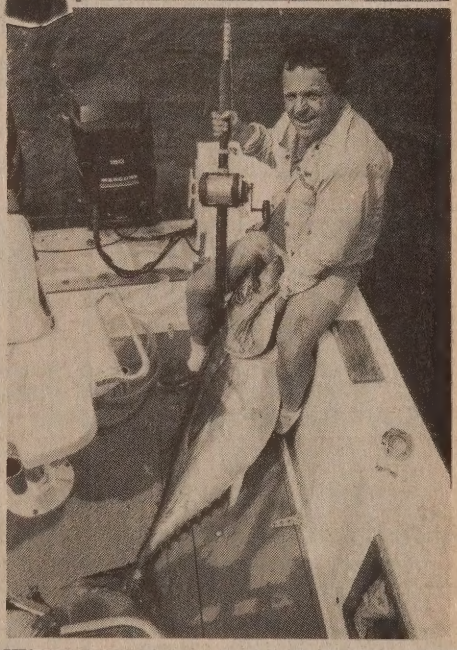

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John Greener poses in front of Skippy's Bait and Tackle in East Rockaway with the mount of his 18 lb. 8 oz. weak. The huge tiderunner, taken in October, fell for a live bunker in Reynold's Channel.

the storm in the morning. However on Sunday, the boat made roughly 80 flounder on each of the two half day trips. On the PM trip Greg Olsen had a 1 lb. 12 oz. pool winner.

Over at **Scotty's Fishing Station** a couple of their skiffs on the weekend had roughly a dozen fish each, mostly working in the flats west of the bridge. These were all keepers up to a pound and they were hitting worms and red dyed clam.

A call from **Long Beach Sports Marina** told of a few flounder being picked in western Reynolds, mostly from the piers and docks. Note that the station is opening March 27th and will be ready with boats and all bait and chum, according to Bernie the manager.

From **Beckmann's Tackle** in Lynbrook also come a few scattered reports from customers, mainly of flounder off the Magnolia Blvd. and Jones Beach Piers and off Bay Park.

NEW YORK BIGHT

From **Cast-A-Way Bait and Tackle** in Franklin Square we hear of West Hempstead angler Jeff Roberts who on Saturday bagged 25 flounder which were actually eyeballed by shop owner Fred Mallo. Just four days before that Jeff had taken 42 flounder to 1½ lbs. in the Meadowbrook Bridge area from shore, with mussels working best.

We hear from Artie at **Cross Bay Bait and Tackle** on Jamaica Bay that a few flounder of a pound and over are being taken on bloods and mussels off the north and south channel bridges on any moving tide.

Over in Sheepshead Bay, Neil at **Stella Maris Tackle** reports that a few flounder are being caught by the party boats working the Navesink River and Jamaica Bay. In addition, the **Pilot II** has been doing very nicely on blackfish on the Jersey side.

This was corroborated by Capt. Tom of the **Pilot II**, who says he's been catching blackfish to 10 lbs., cod

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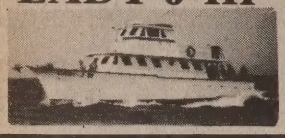

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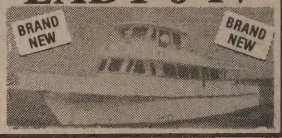

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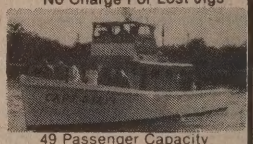

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to 20 lbs. and pollock to 10 lbs., but now he will be exclusively concentrating on the spring blackfish. Please note that the boat is sailing weekends only right now, but will begin sailing everyday starting April 1st.

We hear from Captain Butch of the **Zephyr** that his fares had good floundering Saturday and Sunday to the tune of 15 to 25 keepers a man, fish mixed. Best baits have been worms and mussels and the boat has been working the Navesink River in Jersey.

North Shore REPORT
with Marty Garrell

Sunny skies and a warming trend brought out anglers over the weekend, but water temperatures were still too low for good flounder fishing. George Valentine figured the mid-Sound to be below 37 degrees with surface waters around 34 in the shallows on cold mornings. Catch results seemed to be consistent with this data.

WESTERN SOUND

John's Gun in New Rochelle had a lot of bait sales with a few small flatfish reported from the harbors. John DiCuffa at **Jack's Bait** on City Island explained that private craft were working off Harts, Half Moon Beach and the Orchard Beach Lagoon. Rental craft should be in the water by April 1st. The **Glen Cove Sport Shop** also did well with bait sales for harbor and beach fans.

Concrete reports with body counts came from the City Island craft, **Apache** and **North Star.** the former is sailing next Saturday and Sunday whil the latter plans to sail right through this week on a daily basis. Dom Cerbone said that Oyster Bay results were slow with typical catches of 8 to 12 flounder per fare in 25 to 30 feet of water. The old hotspots off the beaches in 10 feet had no fish yet. Fish sizes ranged to one pound with most flounder over 3/4. High hook on the North Star over the weekend was 12 with most anglers satisfied wiht a half dozen fish. Slounder flounder were not yet into the feed bags, and a number of fish were simply snagged.

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George Valentine at **Four Winds** in

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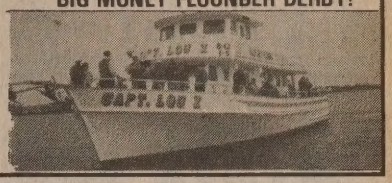

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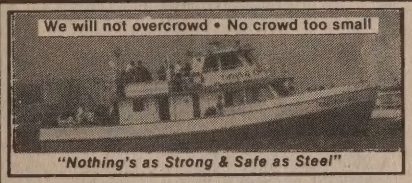

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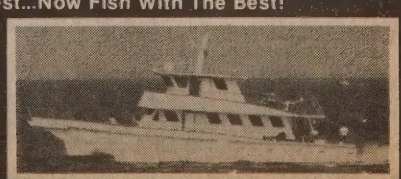

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Huntington Station said that the "world seemed to wake up at 10AM Saturday. Those guys just wanted to go fishin'!" Unfortunately there were reports of skunkings all the way from Hempstead Harbor to Lilco because of the cold water. **Ralph's Fishing Station** in Mount Sinai had a similar report of nil results. Most anglers were advised to take a bit of bait, maybe a half dozen worms and just give things a try.

NORTH FORK

Phil Loria of **Captain Marty's** reported the first flounder of the season from the Robins Island-Nassau Point area. Carl Hansen checked in with three fish to 2½ lbs. on Sunday, one day before Dominic DeRanieri reported for action. The Petersons explained that the **Mattituck Inlet Fishing Station** will not be open this year, while the **Mattituck Fishing Station**, run by the Caraftis family, is expected to open in April.

Bob Ceglowski will be berthed next to the Old Mill Restaurant in Mattituck Inlet again this year with **Captain Bob's** open boat sailing on Tuesdays and Thursdays at 8AM, starting on April 8. Ceglowski informed us that April and May charters are sold out.

Anna May Rainis said that John is in fine health this spring and truly grateful for all the customer support last year. Unfortunately, Art White is now hospitalized in the V.A. Hospital in Northport.

The Greenport open boats may sail as early as March 28, according to Richie Jensen of the **Nancy Ann**. This is still not definite. George Porter is looking toward an April 13th date with the **Brand X**; Dave Brennan of the **Peconic Star** may go two week earlier, while Larry Ciccotto of the **Prime Time III** may be sailing on the 13th or shortly thereafter. Specific dates should be available in the next report.

Richie Jensen said that the **Nancy Ann** will be running as a charter with no open boat action for the **Nancy Ann II**. That boat will be clamming, now that Dan Buckley is working up the Island. First charter for the Nancy Ann is April 6th.

Freshwater REPORT
with Tom Schlichter

Warmer temperatures and less windy weather encourage a few more freshwater anglers to get their feet wet over the past weekend. Trout and pickerel proved to be the best bet but

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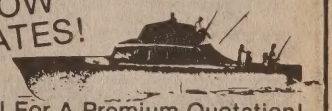

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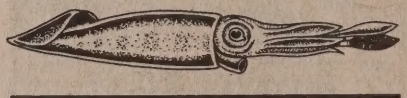

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bullheads and panfish showed the first signs of coming alive.

From **Causeway Bait and Tackle** in **Wantagh**, Mike Nicoletti reported that Joan Lowell traveled to Southard's Pond where she used night crawler baits to take several small pickerel and two dozen bullheads weighing up to two pounds. Locally, the kids have begun to take a few bass and panfish on night crawlers in the Wantagh Twin Lakes.

A call to Fred Laager at **Edelman's Sportsman's Center** in **Farmingdale** revealed that Bob Salton found streamer flies to the trouts liking inside Connetquot River State Park over the weekend. Bob used a black muddler minnow to entice a three pound brookie and several other trout. Tim Davidson worked the waters of Southard's Pond on Wednesday and found the pickerel in a feeding mood. Using a Rebel hump-backed floater, Tim connected with several fish including a twenty-four inch beauty which he released.

Lots of small trout at Bubbles Falls is the word from **J&R Sports Center** in **Oakdale** this week. The small pool has been very crowded all week long, however. Still, an occasional nice fish is being culled from the shorts. Fishing in the park was consistent all week for trout in the two pound class.

From **J&J Bait and Tackle** in **Patchogue**, John told us that Ozzy Van Helmond and Dave Ebner of the Patchogue Fishing Club dabbled in a little fly fishing this week at Connetquot River State Park. Between them, they accounted for two rainbow trout and four brookies. The largest fish went two and a half pounds.

Al Schreier of the **Sportsman's Center** in **Medford** reports that some pretty good pickerel fishing broke out over the weekend at Artist Lake in Middle Island. Quite a few fish were caught and released by local anglers and most of the fish taken were in the seventeen to nineteen inch range.

Out east at the **Fisherman's Deli** in **Riverhead**, George Devlin spoke of good white perch fishing in the Peconic River. Most of the action with these half to one and a half fish has taken place at the tidal pool near the Riverhead traffic circle and worms have been the best bait. Fish the incoming tide for best results. George also added that a few pickerel and largemouth bass were jigged this week in about ten feet of water in Lural Lake.

From Rochester, New York, Captain Bill Johnson of **Odessey Charters** passed on word that while we were enjoying our warm weekend weather, Lake Ontario anglers had to contend with snowfall and high winds. Steelhead trout are in the rivers now but water clarity has been a major problem. Some fish have been taken on egg sacs but it will be a few days before things upstate really get moving. A few small browns (three to five pounds) are beginning to show off of the Russel Station Power Plant.

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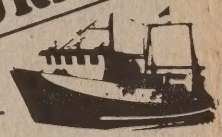

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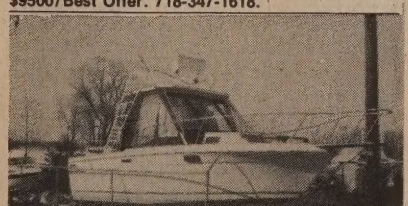

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1980 25' 7" ROBALO center console twin 1985 140s. PT&T, hyd. steering, pulpit, fight chair, outriggers, 128 gal. gas tank. Surface water temp. digital depthfinder. Full instruments. Spray hood. Financing avail. $21,000. JENSEN MARINE, 516-226-9739.

1972 27' SILVERTON, electronics, T/T. All canvas. 110/12v refrig., head, stove. $10,000. 516-796-2265.

1977 21 Thompson OMC 175 I/O C/C. Electronics; canvas. At Montauk. Excl. $8500. 516-668-3232. 201-472-3370.

32' FOREST JOHNSON Prowler 1975 Sportfisherman, twin Perkins dsls. Both just majored, new imron, radar, auto pilot, etc. Rybo chair. Fast; economical. In Bristol cond. Bus: 516-264-2202. Home: 516-422-3492.

29 TOPAZ 1985, twin Volvo TAMD40B diesels, FWC, AM/FM cassette stereo, batt. charger, bow pulpit, cabin fan, compass, Halon, Y-valve head w/shower, radio box, refrig., washdown, tower lights, T/T, tower w/controls, wipers, canvas encl., tower cover, custom tackle lockers/cabinet seats w/cushions, C-Master V, Horizon Int VHF, Lowrance X-16, Si-Tex T100 radar. Dytek temp, Lowrance 3200 digital, Epirb, Micron bottom paint. ATLANTIC SPORT FISHING, Pt. Pleasant, 201-899-1800.

4 WINNS 1983 18' cuddy cabin, 120 hp Mercruiser I/O. Full canvas. Mint cond. $8900. Day: 718-837-5888. Eves: 718-253-8262.

23' CHRIS CRAFT Lancier Volvo 280 outdrive. New U joints, gimbal bearing & boots. 100 hrs. on Chevy V8, dual batt. Interior refinished. Deck, seats & chrome. Teleflex steer. & extras. Moving to Arizona. Must sell. $5500. 516-747-2392.

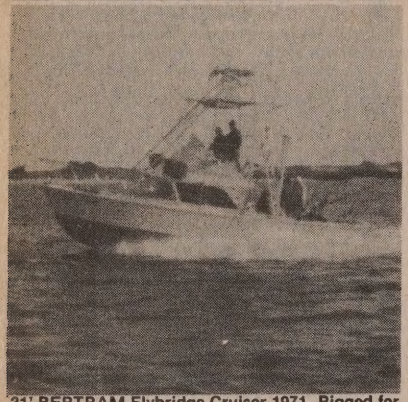
1984 17' PROLINE Center Console, 90 hp Evinrude, TeeNee galv. trailer w/EZ Load rollers, power winch, Si-Tex chart recorder, VHF radio. Excl. cond. Extras. $8700. 516-764-5798.

18' PICKEREL Custom Built, 55 Evinrude. 728-9734 Early.

AQUASPORT 222 CCP 1984, twin Yamahas, Loran, VHF, recorder, depth finder, water temp. Dual batt., outriggers. Live bait well. Low hrs. Mint. Boat is on LI. 9-5: 212-972-3505. After 5: 718-423-3678.

Continued On Next Page

1985 28' Bayliner Contessa De, 260 hp Volvo FWC. Full canvas w/camper, side & aft screens, dual batt., pump out toilet w/holding tank. Halon sys., dockside water, stereo sys., 4 SS rod holders. 20 hrs. on boat-$39,000.
1985 Glastron Conroy X-190 Stern drive. Loaded. $9500.
1985 Glastron Conroy X-170 Stern drive. Showroom cond.-$15,200.
1979 17.6 Aquasport 1985 90 hp Evinrude, cuddy cabin, VHF, CB, color DF. EZ Load trlr. Elec. winch brakes. Immaculate-$6800.
1983 Thompson 24' 260 Mercruiser 8' beam. Sleeps 6. T/T, swim plat. Full canvas, head, gliey, DF, VHF, CB, AM/FM cassette. Like new-$24,000
24' Thompson 1983 Vacationer, 260 Merc. Full canvas, 110 elect, VHF, CB, DF, Stereo, swim plat. Very clean-$22,000.
23' Renken '84 Sportfish CC, V8 I/O-$15,000.
18' Glaspar tri-hull 1972, '77 Chrys. 115, P/T, 18 gal. built-in, new canvas, compass, camper style, trailer. Very clean-$4000.
27' 1970 Concord flybridge. All glass twin 270 Crusaders FWC 1980. Dinette, head, galley. Full canvas, VHF, DF. Excl.-$17,000.
26' 1981 Seaway Sundancer, galley, head. Sleeps 6. Hot water, swim plat. F/Canvas, auto anchor, twin batt. $24,500.
THE MOORINGS AT PIER 66, LTD, 516-654-3106.



31' BERTRAM Flybridge Cruiser 1971. Rigged for fishing. Tuna tower, full electronics. New twin 340 hp Mercruisers. $55,000. Days: 516-661-6287. Eves: 516-587-2717.

FISHERMAN'S DREAM—30' center console, tuna tower, VHF, Loran, recorder, 225 FWC Cruiser. $13,500. G&J MARINE, 516-432-7474.

Great Boat North American 1971 19' 6" I/O, 1980 Shoreline trailer, elec. winch. $5000. 516-462-5767 Ask for Dave.

1981 SEA RAY 255 "Amberjack" 10' 0 beam, TW 485 Mercr. I/O. Rigged for fishing & cruising. Documented. Loaded w/extras. Ask. $26,900. Days: 212-874-1478. Eves: 201-573-9537.

1985 WELLCRAFT 248 Sportsman w/260 Mercruiser I/O. Full galley, V berth & quarter berths. Porta-Potti. Full canvas, swim platform, T/T, Mercathoid sys., electronic remote control spotlight. Removable jump & motor box seats, 4 rod holders, wiper, horn, hour meter, Loran C, VHF, depth finder, compass. $25,000. 914-835-0183.

1984 BAYLINER, 1910 Trophy C.C., 125 hp Force. Galv. trailer, dual batt., VHF radio w/stereo console, Humminbird LCR 4000 recorder. Full gauges, plus much more. Showroom cond. Used 100 hrs. Must see. $8000. 516-798-3726/475-1763.

1971 AQUASPORT 22.2 Excl. cond. No motor. Customized console incl. electronics box + high windshield. Some extras. $3250. Eves: 718-531-3464.

MONTAUK MARINE YACHT SALES
Experienced Sportfishing Boats.
17' 1974 Mako CC, 70 hp O/B-$4000
19' 1983 Lema 135 O/B-$5000
20' 1976 Boston Whaler, 200 hp-$13,900
23' 1977 Black Fin I/B 220 hp-$17,000
23' 1981 Mako CC, 235 hp O/B-$17,500
26' 1972 Blue Fin Dsl-$25,000
27' 1981 Sportcraft F/B Dsl-$32,000
30' 1970 Cuttyhunk T/T Dsl-$20,000.
Also dealers for Egg Harbor & Topaz. 516-668-5900.

1969 THUNDERBIRD, 24' cuddy, twin 140 Mercruisers I/Os. Swim plat., tuna tower, VHF, DF, compass. Full canvas. Excl. cond. Ask: $9500. Eves: 516-589-8477.

26' STAMAS Sportfisherman, 228 Mercruiser I/O. 20 hrs. Repowered '83, Si-Tex recorder, depth recorder, Mecathod sys. Full canvas, rod holders, outriggers, dual wipers. Deck lights, bait well, new VHF & CB, 2 anchors. Full instrumentation. 60 gal. tank. New capt. seats. Many extras. Must sell; owner moving. $12,000. 516-791-7867.

IMMACULATE! "Cap't Clean" traded up! We're selling his 1984 Stamas 24' Tarpon, 1984 Evinrude 235 w/PT&T & variable ratio oiling & 1978 Evinrude 15 hp Aux. Boat has S/S battery tray under deck & custom canvas. Don't let this one get away. $25,000. GOLDSMITH'S BOAT SHOP, 516-765-1600.

BAYHEAD MARINA BOAT SALES: Mariner, Mercruiser, Volvo. Performer & Mitchcraft boats. Factory auth. sales & service. Factory certified mechanics. 718-525-5724.

1984 SHAMROCK 20' Pilot House, FWC. In water 1 season. Loaded. Bought larger boat. $13,700. 516-567-2973/2206.

1969 16' Fabuglas, 50 hp Evinrude, galv. trailer. Live bait well. Setup for fishing. $1350. 516-751-4803.

1973 SILVERTON 27', Sportfisherman. Glass hull, 1985 Chrysler 360 FWC, 55 hrs. Dual sta., sleeps 4. Head, full galley, canvases. Plus more. $10,000. Days: 212-893-3600. Eves: 212-824-1518.

GRADY WHITE 81, 24' Weekender, 228 Merc. I/O, VHF, CB, DF. Extras. Excl. $19,500. 516-269-4276.

1977 26' Stamas S.F. New 270 Crusader FWC. Has everything. $15,000. After 6: 516-727-4810.

23' SEACRAFT cuddy cabin. Fully loaded Fishing/Sea boat. New Volvo 225 hp FWC engine. $13,000 Firm. 516-741-0814.

1983 EVINRUDE 235, extra long shaft, SST Prop. New power head Aug. '85. $2950. 516-751-4803.

1983 CRUISERS Sea Devil 25' 228 Mercruiser I/O, Loran, DF, VHF, sea temp, downriggers, canvas. Used 2 seasons. Excl. $19,000. H: 516-757-5653. B: 516-673-7292.

CHRYSLER Engine, 225 hp FWC. Excl. running cond. Will Demo. $975. 242-7804.

SHAMROCK 20' cuddy, 78 hull, 83 engine, trailer. Ready to launch. $8900. 914-381-5756.

29' TOPAZ 1983. Turbo-charged diesels. Economic boat. In mint cond. Every extra imaginable and it catches fish! In water. Price $77,500. Days: 516-434-7744. Eves: 516-422-0677.

1985 GRADY WHITE Overnighter 20', 150 hp Johnson O/B, under 10 hrs. Custom canvas w/drop curtain. Full instrumentation. Brand new Calkins galv. trlr. w/brakes. $20,000. W: 212-219-7991. H: 718-698-0868.

1972 BAYLINER 24' cuddy cabin, 165 hp I/O. Full canvas. Extras. Ask: $4500. Boat in Seaford. After 6PM: 914-337-8665.

SEA CRAFT 23' S.F. 260 hp Merc I/O FWC. Mint. Full electronics. 150 gal.. T-top. Compl. riggged in/offshore. N/516-669-0973. D/212-683-7200.

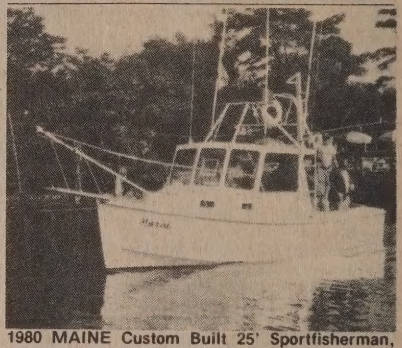
WELLCRAFT 1978 V-20 175 hp Johnson, SS Props, dual batt., downrigger, VHF radio, depth finder, white line recorder. All canvas & much more. A steal at $6500. 516-883-8746.

1982 BARETTA, 204, 470 Merc. FWC I/O, 250 hrs. New outdrive 1986, cuddy. Full teak platform, FM stereo. Full canvas, VHF, dual batt., Mercathode sys. Rod holders. $9100. 212-620-7432.

SUZUKI Outboards: 2-200 hp. McKee Craft Boats. Nova inflatables. Summer dockage; winter storage. KREMER'S BOATYARD, 2425 Jackson Ave., Seaford, 516-221-8877.

19' MAKO 1979, Shoreline trailer, power winch, Lowrance X15, VHF, CB, Hynautic steer., outriggers, tournament rear seat, 1983 150 hp Mariana. Bus: 516-264-2202. Home: 516-422-3492.

35 hp Evinrude Long Shaft w/Tiller & new prop. Elec. start. Very good cond. $900. 15 hp Evinrude S.S. V. low hrs. $600. Aft. 6PM: 516-798-9209.



1980 MAINE Custom Built 25' Sportfisherman, 200 hp turbo diesel FWC. Tower, dual controls, cuddy, VHF, Loran. Fully equip. Economical & seaworthy. Mint cond. Many extras. 516-728-1823. 212-792-8787.

BOATING EQUIP.

BOAT TRAILER REPAIR. Complete w/all new galvanized parts. FAZIO MFG., Inc., 1121-16 Lincoln Av, Holbrook, NY 11741. 516-563-2263.

BOAT TRAILERS FOR RENT: Single & Tandem Axle. Daily, weekly, monthly rates. Temporary & permanent hitches for sale or rent. BARN TRAILER SERVICE, 57-05 B'Way, Woodside, NY. 718-426-7039.

CUSTOM MARINE WOODWORK. No job too small—tackle lockers, instrument enclosures, consoles, bow pulpits, etc. Interior & exterior repairs & restorations. CUSTOM MARINE CARPENTRY, 516-623-1639.

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PROTECT YOUR INVESTMENT. Halon gas fire extinguishers. Coast Guard & UL approved. The most effective fire fighter avail. today. Aerosol, w/10-yr. guarantee. If you've never seen Halon work, call for more info & Demo. Jimmy Hayes. Bus: 516-627-5910. Res: 516-248-3899.

COMPASSES—COMPASSES—COMPASSES
Remember, if it has anything to do with compasses at all, give me a call! Huge inventory of Ritchie compasses. Expert installation & adjustment. Authorized repair service. I also carry a complete line of binoculars, sextants, clocks, barometers. JENS JACOBS NAUTICAL SERVICE, 516-757-7169.

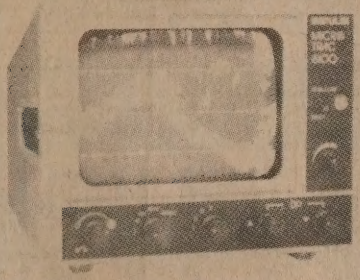
BOATMATE Deluxe Portable Fight chair with gimbal & attached rod holder. 360° Fiberglass pedestal mount. Like new; used 1 season. $275. After 6PM: 516-766-4279.

BOAT TRAILERS: EZ Loader. All sizes in stock. Immediate Del. Priced right. Trailer hitches installed. SEAHORSE TRAILER, Glen Head, NY. 516-676-5313.

TRAILER HITCHES—The most complete Draw-Tite line of Class I & II hitches in stock on Long Island. Sales, installations & service. TOM CASH WELDING, Lake Ronkonkoma. 516-JU 8-6143.

DON'T WAIT! The fish won't! Reel tune-up $3.50. Rod guides replaced $4. QUALITY TACKLE Repairs, Sales. 516-587-0938/3996.

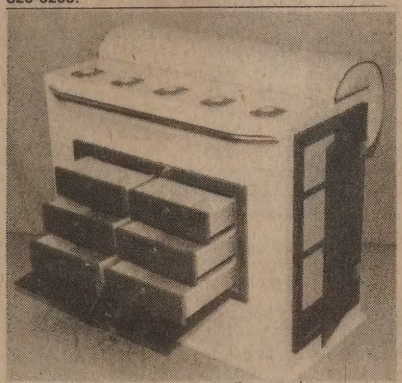
WANTED: Used fighting chair w/footboard. 516-931-7180; 668-3821; 931-7180.



IMPULSE Micro Track 6100 CRT Video. New, in box. Fish alarm, transducer, etc. $350. 868-9285.

RARITAN Electric head w/Mansfield TDX sanitation device. 12 volts. Never used. $495. GENE GIFFORDS, 582-4566. 8-5.

MERCURY Stainless Laser props. Their finest ones. 21x14-3/8. Like new; 20 hrs. $235 each. 516-826-0263.



TOURNAMENT LEANING POST, tackle lockers, helm seats. Free brochure. See our display, Marine & Fishing Expo, Liberty State Park, N.J. April 25-27. NAUTICAL DESIGN, 128 Division St., Zelienople, PA 16063; 412-452-8611.

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MUSTAD HOOKS & Other Fine Tackle at sensible prices. Free catalog. TERMINAL TACKLE CO., Box 427, Kings Park, NY 11754.

#6 SPROAT Flounder hooks. Hand tied. 6/$1. AL KAPLAN, 35-63 80th St., Jackson Hgts, NY 11372.

CATCH MORE FISH—with superior designed saltwater rigs. Send for free catalog now! HUDSON TACKLE, Dept. I, P.O. Box 437, Kearny, NJ 07032.

DEADLY FLOUNDER RIGS
Tangle-free, tandem tied w/special stand-off knot. Used by sharpies. Sproat hooks for more hook-ups. 3/$3.75, incl. p/h. BILL SMITH, 158 Vermont Ave., Bay Shore, NY 11706.

VERY EXPENSIVE—Very Expensive—Very Expensive. Edelman's is NOT very expensive. See ad on page 2.

FLOUNDER KILLER RIGS. Flounder are committing suicide on this famous 3-hook rig specially designed for the meat fisherman. Special design & construction keeps tangles at a minimum. All hand-made finest quality material. 3 compl. tied rigs-$3.90. Send check or M.O. to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566. Our 12th yr.

MISCELLANEOUS

WANTED TO BUY OR LEASE: Small Marina or rowboating operation. After 5PM: 914-738-5446.

OWNERS OF SELF-BAILING BOATS
Install new bailing tubes w/professional results. My Hi-Tech Flaring tool will do the job quick & easy. Standard tool, all stainless steel; 5-yr. guarantee; 1" diam. tubes. Other diam. & forms avail. Specify your needs. Send $29.95 to: JOHN RICCI, P.O. Box 105, Palisades Park, NJ 07650.

RUBBERIZED APRONS. Resistant to fish oil & petroleum products. Reg. $10. Large $12. No C.O.D. Discounts over 12. KEEP KLEAN PRODUCTS, 45 Sawmill River Rd., Yonkers, NY 10701.

14' Vee bottom aluminum boat. Solidly built & roomy-$425; Imperial Survival Suit w/case. Top condition-$200; Bucktails Jigs, 1½-2½ oz. Parachute type, polynose, open mouth models. Excl. for stripers, blues, weaks, school tuna-30/$25; custom built 80 lb. tuna rod, black & gold Aftco butt. Gold Mildrum guides. Never used-$300; Air Rifle, side cocking Hammonli .177 caliber 750 E.P.S.. Excl. cond. w/case & accessories-$250. 516-354-2674.

HOUSE PAINTING: Interior & Exterior by Jack "The Painter" Murray. Let us paint while you fish. 516-273-0960.

FREE: 100+ Loran-C TDs. 30 yrs. fishing w/20 yrs. computer experience. Results: comprehensive analysis of Loran C. Order now & receive 100+ accurate Loran C TDs for known & many not well-known grounds, wrecks, inshore & offshore, accessible from all western inlets. Remit $15.95 to: AP-JP ENTERPRISES, Box 1155, W. Babylon, NY 11704.

DEAL DIRECT w/Installer on vinyl windows as low $120 each unit. We travel. Eves: Peter, 718-769-1809.

NEED A FISH MOUNTED? Why not go to the best? Tommy Duda, satisfaction guaranteed. Fast service. See for yourself. 201-941-8333.

RECORDER PAPER at substantial savings. Prices for 6 rolls: Si-Tex 4"-$22. Lowrance X15-$23. King 6"-$30. Lowrance lined 1510-$28. All others avail. p/h $2.50 addt'l. NJ res. add 6% sales tax. Send check or M.O. to: JP PAPER CO., P.O. Box 149, Pompton Lakes, NJ 07442. 201-838-9324.

SUMMER DOCKAGE AVAILABLE-$25 per ft. $500 minimum. No wood boats. CERULLO BROS., East Moriches, 516-878-1180.

2 GREENPORT Scallop Dredges. Heavy duty. Excl. $90 or best offer. 516-541-5050.

WALK-IN FREEZER. Inside dimensions 3' 6"X 5' 6" x 7' 6". $1125. GENE HOLLAND, 516-728-3344.

HELP WANTED: Second Mate, experienced. Weekends. Friendly, courteous persons only apply. Open Boat "Casey Lee," Bay Shore. 516-661-1867.

MARINE MECHANIC NEEDED: Outboard & inboard experience needed. Queens marina. Good salary; benefits. Great opportunity for right person. 718-845-0486.

BOAT TOPS Made, canvas repair, zippers, window screens. Boat upholstery, panels, seat, cushions. After 5: 666-3326, Dan.

BOAT CLEANING—washing, waxing, interior and exterior cleaning. All types of cleaning service. Weekly, monthly, seasonal rates. Special spring open-up service. Call for free estimates. Like New Boat Cleaning, Richie: 516-826-3699.

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CAPTAIN AVAILABLE: Responsible man, 43, licensed 50 tons, 100 miles. Block Isl. to Cape May. Experienced captain on 40' sportfisher & 42' luxury motor yacht. Power only; no sail. References. 718-332-8407. Eves. please.

LICENSE PLATE FRAME says it for you—"I'd Rather Be Fishing." Non-rusting, hi-impact, black polystyrene w/raised white letters. 1-$4.95; 2-$8.95 + $1 p/h. Send ck. or M.O. to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566. Satisfaction guaranteed.

AVAILABLE AT LAST! Beautiful full color print of artist Gary Patterson's famous painting "Half Day Boat." You won't believe the detail & crazy activities going on aboard. If you've ever fished on party boats you'll really love this print. 18"x24"; looks fantastic framed. Only $9.95 + $1 p/h to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566.

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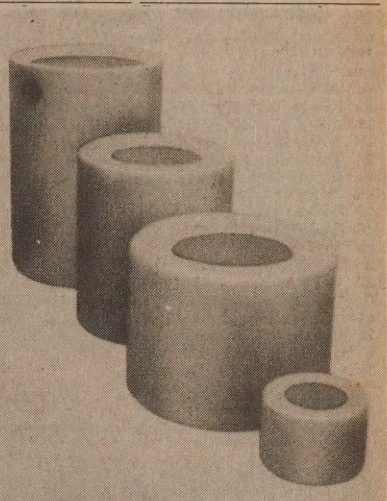

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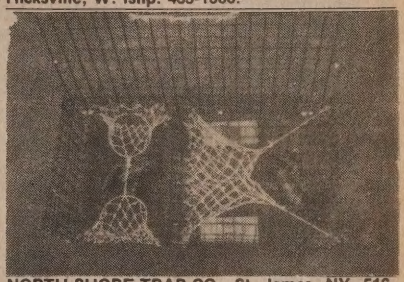

NORTH SHORE TRAP CO., St. James, NY. 516-584-6870. Vinyl coated lobster, crab, eel traps and all lobstering equip.

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MATE WANTED Full Time. Must have friendly attitude. CAPT. MIKE III, Howard Beach, 718-848-9161.

MATE WANTED to crew on Montauk charter boat. Mostly offshore. Wkdays only. Sat. & Sun. off. Experience a plus but not necessity. Will train. Send resume & references to CHARTER BOAT CAPTAIN, P.O. Box 341, Montauk, NY 11954.

FISHING FOR FLUKE by Don Kamienski. Packed w/info on drifting, trolling & locating fluke. Baits, rigs, "dropback," casting lures; bay, river, ocean methods. 112-pgs. Many diagrams. $4.95 + $.75 shipping. THE FISHERMAN LIBRARY, 339 Herbertsville Rd., Brick Town, NJ 08722.

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LAWRENCE "OPEN BAY WATERFRONT." Ranch, all new, 2 fireplaces. 50' bulkhead. Easy access to deep water. $325,000 MERRILL LYNCH REALTY, 516-872-8890.

High Tide Tables

How to use tide tables: To compute the high tide for the area you wish to fish, simply find the closest area on the conversion table. Add or subtract the hours and minutes as indicated from that area station above. Example: Shinnecock Inlet . . . −0 50 is listed under "On SANDY HOOK." −0 50 means you subtract 50 minutes from the times given for the SANDY HOOK STATION for the day you are going fishing. This is the approximate time for the high tide in the area. For low tide, add 6½ hours to this figure.

DAY	SANDY HOOK AM	SANDY HOOK PM	BREAKWATER HARBOR AM	BREAKWATER HARBOR PM	NEW YORK AM	NEW YORK PM	NEW LONDON AM	NEW LONDON PM	WILLETS POINT AM	WILLETS POINT PM	BRIDGEPORT AM	BRIDGEPORT PM	NEWPORT AM	NEWPORT PM	DATE
THURS.	2:30	3:20	3:40	4:05	3:20	4:10	4:35	5:25	6:00	7:25	6:15	6:50	3:00	3:30	3/20
FRI.	3:40	4:25	4:40	5:05	4:30	5:10	5:30	6:15	7:05	8:15	7:10	7:45	3:55	4:25	3/21
SAT.	4:45	5:20	5:35	6:00	5:25	6:00	6:20	6:55	8:10	8:55	8:05	8:35	4:45	5:10	3/22
SUN.	5:35	6:05	6:25	6:45	6:15	6:40	7:05	7:35	8:55	9:25	8:50	9:15	5:35	5:55	3/23
MON.	6:20	6:50	7:10	7:30	7:00	7:25	7:50	8:15	9:40	10:05	9:35	10:00	6:20	6:40	3/24
TUES.	7:05	7:30	7:50	8:10	7:40	8:00	8:35	8:55	10:25	10:40	10:25	10:40	7:00	7:20	3/25
WED.	7:45	8:10	8:35	8:55	8:20	8:40	9:15	9:35	11:05	11:25	11:05	11:25	7:45	8:05	3/26
THURS.	8:30	8:55	9:15	9:40	9:05	9:25	10:00	10:20	11:50	—	11:55	—	8:30	8:50	3/27

On Sandy Hook

STATEN ISLAND	+0 27
ATLANTIC HIGHLANDS	−0 01
Red Bank, Navesink River	+1 48
Long Branch	−0 34
SHARK RIVER INLET	−0 18
Shark River Basin	+0 27
MANASQUAN INLET	−0 12
Seaside Park	−0 33
Mantoloking bridge	+5 34
TOMS RIVER	+4 37
Waretown	+2 33
BARNEGAT LIGHT	−0 20
Manahawkin Bridge	+2 33
Beach Haven	+1 47
LITTLE EGG INLET	−0 01
Seven Islands	+0 12
Graveling Point	+1 05
Mullica River	+1 55
Grassy Bay	+1 08
ABSECON INLET	+0 14
Atlantic City Pier	−0 26
Great Egg Harbor Inlet	+0 12
GREAT EGG HARBOR	+0 44
CORSON INLET	+0 09
TOWNSENDS INLET	+0 06
HEREFORD INLET	+0 02
Grassy Sound Bridge	+0 45
Cape May Harbor	−0 02
Rehobeth Beach	−0 07
INDIAN RIVER INLET	+0 41
SHINNECOCK INLET	−0 50
Shinnecock Bay	+1 25
East Quogue	+2 45
Shinnecock Canal	+4:03
Indian Reservation	+3 05
MORICHES INLET	−0 56
Smith's Point	+3 28
Hart's Cove	+1 30
Pontunk Point	+3 35
Mastic Beach	+3 28
FIRE ISLAND INLET	−0 38
Democrat Point	−0 38
Coast Guard Station	−0 19
Fire Island Light	+0 47
GREAT SOUTH BAY	
Sayville (Brown Creek)	+3 39
Heckscher State Park	+3 20
Bay Shore	+2 23
Babylon	+2 12
Amityville	+2 21
JONES INLET	−0 19
Zachs Bay	+1 25
Seaford Harbor	+2 05
Freeport Creek	+0 34
E. ROCKAWAY INLET	−0 06
Long Beach Bridge	+0 19
ROCKAWAY INLET	0 00
Beach Channel Bridge	+0 38
J.F.K. Airport	+0 26

On Bridgeport

Lloyd Point	+0 08
Cold Spring Harbor	+0 08
Bayville Bridge	+0 13
Eatons Neck Point	+0 03
Northport Bay	+0 03
Norwalk Islands	+0 10
Smithtown Bay	+0 08
Cranes Neck Point	+0 05
Port Jefferson Hbr. entrance	+0 03
New Haven Harbor	+0 08
Mount Sinai Harbor	+0 05
Herod Point	−0 07
Mattituck Inlet	+0 05
Horton Point	−0 20
Truman Beach	−0 42
Falkner Island	−0 13
Sachem Head	−0 10
Branford Harbor	−0 07
New Haven Harbor entrance	−0 08
Milford Harbor	−0 07
Stratford, Housatonic River	+0 27
Shelton, Housatonic River	+1 36
Black Rock Harbor entrance	−0 03
Saugatuck River entrance	−0 01
South Norwalk	+0 10
Greens Ledge	−0 01
Stamford	+0 04
Cos Cob Harbor	+0 06
Greenwich	+0 02

On New London

Orient	+0 36
Little Gull Is. (Race)	+0 12
Greenport	+1 04
Southold	+1 43
New Suffolk	+2 26
South Jamesport	+2 32
Shinnecock Canal	+2 33
Noyack Bay	+2 05
Sag Harbor	+0 59
Three Mi. Hbr., Gardiners Bay	+0 21
Promised Land, Napeague Bay	−0 14
Montauk Inlet	−0 25
Montauk Point, north side	−1 13
Niantic	+1 20
Stonington, Fishers Is. Sound	−0 33
Noank, Mystic River ent.	−0 23
THAMES RIVER	
Smith Cove entrance	−0 01
Norwich	+0 12
CONNECTICUT RIVER	
Saybrook Jetty	+1 10
Lyme, highway bridge	+1 24
Essex	+1 38
East Haddam	+2 41
Higganum Creek	+2 54

On Willets Point

Little Neck Bay	−0 10
Execution Light	0 06
Manhasset Bay	−0 01
Hempstead Harbor	−0 11
City Island	−0 03
Rye Beach	−0 28
Port Chester	−0 09
Mamaroneck	−0 08
New Rochelle	−0 24
Davids Island	−0 02

On Breakwater Harbor

CAPE MAY POINT	−0 10
Miami Beach	+0 17
East Pt., Maurice River Cove	+0 53
Egg Island Point	+0 33
Cape Henlopen	−0 05
ROOSEVELT INLET	+0 09
Mispillion River entrance	+0 33

On New York

Jersey City	+0 07
George Washington Bridge	+0 46
Spuyten Duyvil, W/RR bridge	+0 58
Ossining	+1 53
Peekskill	+2 24
West Point	+3 16
Newburgh	+3 42

On Newport

Sakonnet	−1 10
Tiverton (between bridges)	+0 21
Beavertail Point	−0 02
Prudence Is., Sandy Point	+1 10
Bristol	+1 10
Warren	+0 21
Nayatt Point	+0 12
Pawtucket, Seekonk River	+0 21
East Greenwich	+0 16
Wickford	+0 12
Narragansett Pier	−0 08
Point Judith Hbr. of Refuge	−0 07
BLOCK ISLAND	
Great Salt Pond	+0 05
Block Island (Old Harbor)	−0 14
Watch Hill Point	+0 44

Sunrise/Sunset

DAY / DATE:	RISE:	SET:
THU. 3/20	6:03	6:12
FRI. 3/21	6:02	6:13
SAT. 3/22	6:01	6:14
SUN. 3/23	5:59	6:15
MON. 3/24	5:57	6:16
TUE. 3/25	5:55	6:17
WED. 3/26	5:53	6:18

Moonrise/Moonset

DAY / DATE:	RISE:	SET:
THU. 3/20	12:02PM	3:10AM
FRI. 3/21	1:08PM	3:52AM
SAT. 3/22	2:17PM	4:27AM
SUN. 3/23	3:29PM	4:51AM
MON. 3/24	4:41PM	5:24AM
TUE. 3/25	5:54PM	5:48AM
WED. 3/26	7:08PM	6:12AM

Moon Phases

NEW	1st Qtr.	FULL	Last Qtr.
3/10	3/18	3/26	4/1

The Original Knight SOLUNAR TABLES

The schedule of solunar periods below will help plan your day so that you will be fishing good areas during the time when the fish should be most active. The tables are not a guarantee you will catch fish, however.

The major periods begin at the time shown and last for 1½ to 2 hours thereafter, and are in the bold typeface. The minor periods are shorter in duration and the lighter typeface.

	AM		PM	
	Minor	Major	Minor	Major
Thurs.	12:15	6:20	12:30	6:45
Fri.	1:00	7:10	1:20	7:35
Sat.	1:50	7:55	2:05	8:20
Sun.	2:35	8:45	2:55	9:05
Mon.	3:20	9:30	3:40	9:55
Tues.	4:10	10:15	4:25	10:35
Wed.	4:50	11:00	5:10	11:20
Thurs.	5:35	11:50	6:00	—

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Now Hear This!
Now Hear This!

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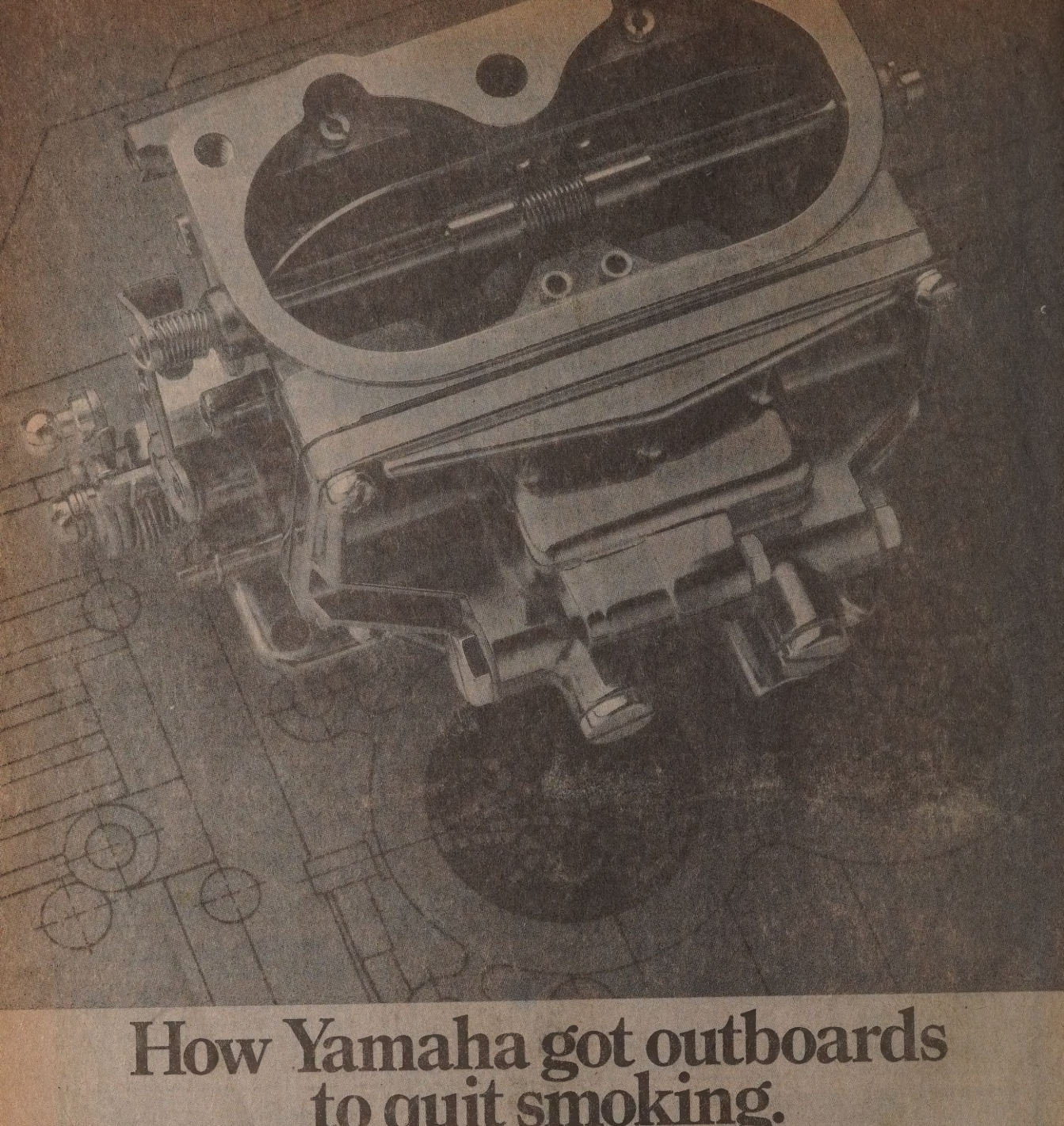

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All of a sudden, everyone claimed to have oil injection. And boaters who bought these overnight creations wondered why they were still seeing telltale blue smoke.

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